



# Services API Guide

## Contents

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| <b>Overview .....</b>                                               | <b>10</b> |
| <b>Accounts and Access .....</b>                                    | <b>10</b> |
| Security .....                                                      | 10        |
| Authentication .....                                                | 10        |
| <i>OAuth2.0 .....</i>                                               | <i>10</i> |
| <i>Basic Authentication .....</i>                                   | <i>11</i> |
| Client Key Management.....                                          | 12        |
| <i>Register a Client .....</i>                                      | <i>12</i> |
| <i>Reset a Client.....</i>                                          | <i>14</i> |
| <i>Update Client Key Information.....</i>                           | <i>17</i> |
| <i>Delete Client Key .....</i>                                      | <i>21</i> |
| <i>Get Client Key List.....</i>                                     | <i>23</i> |
| <b>Voice Services Operations .....</b>                              | <b>26</b> |
| Telephone Number .....                                              | 26        |
| <i>Search Telephone Number Inventory.....</i>                       | <i>27</i> |
| <i>Reserve Telephone Numbers.....</i>                               | <i>34</i> |
| <i>Release Telephone Numbers from Reserved Status.....</i>          | <i>37</i> |
| <i>Retrieve list of Reserved Telephone Numbers.....</i>             | <i>39</i> |
| <i>Retrieve Telephone Number Inventory Coverage .....</i>           | <i>41</i> |
| <i>Order New Telephone Number .....</i>                             | <i>43</i> |
| <i>Retrieve Assigned Telephone Number List.....</i>                 | <i>47</i> |
| <i>Retrieve Telephone Number Detail .....</i>                       | <i>48</i> |
| <i>Update Active Telephone Number Trunk Group.....</i>              | <i>52</i> |
| <i>Add, Update, or Remove Active Telephone Number Feature .....</i> | <i>53</i> |
| <i>Voice Platform Script Configuration.....</i>                     | <i>57</i> |
| <i>Manage Voice Script Settings .....</i>                           | <i>57</i> |
| <i>List Voice Script Settings .....</i>                             | <i>63</i> |
| <i>Update Port-Out PIN for Active Telephone Number .....</i>        | <i>66</i> |
| <i>Update Note for Active Telephone Number.....</i>                 | <i>67</i> |
| <i>Disconnect Active Telephone Number .....</i>                     | <i>68</i> |

|                                                                            |            |
|----------------------------------------------------------------------------|------------|
| <i>List of TNs Pending Disconnection .....</i>                             | <i>70</i>  |
| <i>Restore Disconnected Telephone Numbers.....</i>                         | <i>71</i>  |
| <i>Call Forwarding.....</i>                                                | <i>74</i>  |
| <i>Manage Phone Number Call Forwarding Settings.....</i>                   | <i>74</i>  |
| <i>Manage Toll-free Phone Number Call Forwarding Settings .....</i>        | <i>77</i>  |
| <i>Phone Number Call Forwarding Listing.....</i>                           | <i>79</i>  |
| <i>Toll-free Number Call Forwarding Listing .....</i>                      | <i>80</i>  |
| <i>Provision E911.....</i>                                                 | <i>81</i>  |
| <i>Validate E911 .....</i>                                                 | <i>85</i>  |
| <i>Manage E911 Notification Settings .....</i>                             | <i>89</i>  |
| <i>List E911 Notification Settings .....</i>                               | <i>95</i>  |
| <i>Manage Unprovisioned E911 Notification Settings .....</i>               | <i>97</i>  |
| <i>List Unprovisioned E911 Notification Settings .....</i>                 | <i>102</i> |
| <i>PSAP Outage Contact Data .....</i>                                      | <i>104</i> |
| <i>List States .....</i>                                                   | <i>104</i> |
| <i>List County.....</i>                                                    | <i>105</i> |
| <i>List FCC ID.....</i>                                                    | <i>106</i> |
| <i>List 911 Auth Names .....</i>                                           | <i>107</i> |
| <i>List Psap Name List .....</i>                                           | <i>108</i> |
| <i>List Psap Outage Contact List.....</i>                                  | <i>109</i> |
| <i>Provision Messaging .....</i>                                           | <i>112</i> |
| <i>Request TN .....</i>                                                    | <i>114</i> |
| <i>Moving TNs between Accounts.....</i>                                    | <i>115</i> |
| <i>Modify Active Telephone Number DNO (Do Not Originate) .....</i>         | <i>120</i> |
| <i>Modify Active Telephone Number Add or Remove Alternative SPID .....</i> | <i>121</i> |
| <i>International Voice Services .....</i>                                  | <i>123</i> |
| <i>Supported Country List.....</i>                                         | <i>124</i> |
| <i>Supported Area Codes.....</i>                                           | <i>125</i> |
| <i>Supported Routing Options List .....</i>                                | <i>127</i> |
| <i>Excluded TN List for an International Order.....</i>                    | <i>129</i> |
| <i>Add TN Notes .....</i>                                                  | <i>131</i> |
| <i>Supported Number Types.....</i>                                         | <i>132</i> |
| <i>Add Order Level Contact As a Note .....</i>                             | <i>133</i> |

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| <i>Add Order Level Note</i> .....                                   | 134 |
| <i>Add Order Level Documents</i> .....                              | 136 |
| <i>Cancel Order</i> .....                                           | 137 |
| <i>Retrieve Order Document List</i> .....                           | 138 |
| <i>Download Order Document</i> .....                                | 139 |
| <i>Reserve International Numbers</i> .....                          | 141 |
| <i>Retrieve International Order List</i> .....                      | 143 |
| <i>Order International Port-In Numbers</i> .....                    | 146 |
| <i>Retrieve International Port-In Order List</i> .....              | 148 |
| <i>Retrieve International Telephone Number Detail</i> .....         | 150 |
| <i>Disconnect Active International Telephone Number</i> .....       | 153 |
| <i>Add International Telephone Number Documents</i> .....           | 154 |
| <i>Download International Telephone Number Documents</i> .....      | 156 |
| <i>End User Details for International Telephone Number</i> .....    | 158 |
| <i>Search International Telephone Number Inventory</i> .....        | 160 |
| <i>Update Note for Active International Telephone Numbers</i> ..... | 161 |
| <i>Order International Numbers</i> .....                            | 163 |
| <i>Retrieve Order Details</i> .....                                 | 164 |
| <i>Request Telephone Numbers</i> .....                              | 167 |
| <i>Retrieve Telephone Number Reserved List</i> .....                | 168 |
| <i>Update Telephone Number Routing</i> .....                        | 170 |
| <i>Update In Service Telephone Numbers</i> .....                    | 171 |
| <i>Retrieve List of Conditions for Telephone Numbers</i> .....      | 172 |
| <i>Port In</i> .....                                                | 174 |
| <i>Check Telephone Number Porting Service Availability</i> .....    | 174 |
| <i>Order Port-In Telephone Number</i> .....                         | 176 |
| <i>Retrieve Port-In Order Available Activation Groups</i> .....     | 180 |
| <i>Activate Port-In Order</i> .....                                 | 182 |
| <i>Retrieve Pending Port-In Order Number List</i> .....             | 183 |
| <i>Retrieve Pending Port-In Order List</i> .....                    | 184 |
| <i>CSR Lookup</i> .....                                             | 187 |
| <i>Toll-free</i> .....                                              | 193 |
| <i>Search Toll-free Number Inventory</i> .....                      | 193 |

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| <i>Load, Order, or Port Toll-free Numbers</i> .....                  | 196 |
| <i>Search Assigned Toll-free Number Detail</i> .....                 | 203 |
| <i>Update Active Toll-Free Number Routing</i> .....                  | 210 |
| <i>Disconnect Toll-free Number</i> .....                             | 214 |
| <i>Add, Update, or Remove Active Toll-Free Number Feature</i> .....  | 216 |
| <i>Retrieve CNAM Storage Toll Numbers</i> .....                      | 218 |
| <i>Retrieve Messaging Toll-free Numbers</i> .....                    | 219 |
| <i>Retrieve E911 Toll-free Numbers</i> .....                         | 220 |
| <i>Toll-free Dnis Update</i> .....                                   | 222 |
| <i>Toll-free BTN Update</i> .....                                    | 223 |
| <i>Request TollFree TN</i> .....                                     | 225 |
| <i>Moving TFNs between Accounts</i> .....                            | 227 |
| <i>Search Toll-Free RespOrg</i> .....                                | 231 |
| <i>Toll-Free DNO Update</i> .....                                    | 233 |
| <i>Advanced Call Route</i> .....                                     | 234 |
| <i>Advanced Call Route Service Area List</i> .....                   | 234 |
| <i>Advanced Call Route Service Location List</i> .....               | 236 |
| <i>Advanced Call Route Time Zone List</i> .....                      | 238 |
| <i>Create Time Profile for Advanced Call Route</i> .....             | 239 |
| <i>Advanced Call Route Time Profile List</i> .....                   | 241 |
| <i>Advanced Call Route Time Profile Detail</i> .....                 | 242 |
| <i>Create Special Day Time Profile for Advanced Call Route</i> ..... | 243 |
| <i>Advanced Call Route Special Day Time Profile List</i> .....       | 245 |
| <i>Advanced Call Route Special Day Time Profile Detail</i> .....     | 246 |
| <i>Add Advanced Call Route Plan</i> .....                            | 247 |
| <i>Advanced Call Route Plan List</i> .....                           | 249 |
| <i>Advanced Call Route Plan Detail</i> .....                         | 251 |
| <i>Remove Advanced Call Route Plan</i> .....                         | 254 |
| <i>Network</i> .....                                                 | 256 |
| <i>Search Assigned Trunk Group</i> .....                             | 256 |
| <i>Change Trunk Group Name</i> .....                                 | 257 |
| <i>Update Trunk Group Session Count</i> .....                        | 258 |
| <i>Retrieve IQNT Switch Location List</i> .....                      | 260 |

|                                                      |            |
|------------------------------------------------------|------------|
| <i>Retrieve DTMF Relay List.....</i>                 | <i>261</i> |
| <i>Retrieve Customer Location List.....</i>          | <i>262</i> |
| <i>Order New Trunk Group.....</i>                    | <i>263</i> |
| <i>Change Trunk Group Order .....</i>                | <i>268</i> |
| <i>Retrieve Trunk Group Order List.....</i>          | <i>271</i> |
| <i>Retrieve Trunk Group Order Detail.....</i>        | <i>273</i> |
| <i>Test Trunk Group Call.....</i>                    | <i>276</i> |
| <i>Search Assigned Toll-free Routing Label .....</i> | <i>277</i> |
| <i>Retrieve Toll-free Routing Label Detail .....</i> | <i>278</i> |
| <i>Change Toll-free Routing Label Name .....</i>     | <i>279</i> |
| <i>Retrieve Trunk Group Utilization Detail .....</i> | <i>280</i> |
| <i>Retrieve Message Detail Record .....</i>          | <i>282</i> |
| <i>Retrieve 911 Call Detail Record.....</i>          | <i>284</i> |
| <i>Retrieve List of Trunk Groups .....</i>           | <i>287</i> |
| <i>Retrieve Details of Trunk Group .....</i>         | <i>290</i> |
| <i>Retrieve List of Routing Options.....</i>         | <i>294</i> |
| <i>Retrieve Details of Routing Option.....</i>       | <i>296</i> |
| <i>Change Routing Option Name .....</i>              | <i>298</i> |
| <i>Order .....</i>                                   | <i>300</i> |
| <i>View Order List.....</i>                          | <i>300</i> |
| <i>View Order Detail .....</i>                       | <i>302</i> |
| <i>Retrieve Excluded Telephone Number List.....</i>  | <i>304</i> |
| <i>Retrieve Excluded Telephone Number List.....</i>  | <i>306</i> |
| <i>Retrieve Excluded Feature List .....</i>          | <i>307</i> |
| <i>Retrieve Excluded E911 Detail.....</i>            | <i>308</i> |
| <i>Update Pending Order .....</i>                    | <i>310</i> |
| <i>Cancel Pending Order.....</i>                     | <i>313</i> |
| <i>Add Order Note .....</i>                          | <i>314</i> |
| <i>View Order Note.....</i>                          | <i>315</i> |
| <i>Add Order Document .....</i>                      | <i>317</i> |
| <i>Retrieve Order Document .....</i>                 | <i>318</i> |
| <i>Reject Port Out Telephone Number .....</i>        | <i>319</i> |
| <i>Approve Port Out Order .....</i>                  | <i>321</i> |

|                                                   |     |
|---------------------------------------------------|-----|
| Messaging Brand and Campaign Management .....     | 322 |
| <i>Add Messaging Brand</i> .....                  | 323 |
| <i>Update Messaging Brand</i> .....               | 324 |
| <i>Add Messaging Campaign</i> .....               | 325 |
| <i>Update Messaging Campaign</i> .....            | 327 |
| <i>Messaging Campaign Class List</i> .....        | 328 |
| <i>Messaging Brand List</i> .....                 | 329 |
| <i>Messaging Brand Campaign List</i> .....        | 331 |
| <i>Messaging Campaign List</i> .....              | 333 |
| <i>TN Messaging Campaign List</i> .....           | 334 |
| <i>Adding Messaging Campaigns to TNs</i> .....    | 337 |
| <i>Supported Entity List</i> .....                | 339 |
| <i>Supported Relationships</i> .....              | 341 |
| <i>Supported Status List</i> .....                | 342 |
| <i>Supported Stock Exchange List</i> .....        | 344 |
| <i>Supported Alternate Business ID List</i> ..... | 347 |
| <i>Supported Vertical List</i> .....              | 348 |
| <i>Create a new Brand</i> .....                   | 352 |
| <i>List Brand Orders</i> .....                    | 355 |
| <i>Get Brand Order Details</i> .....              | 358 |
| <i>Supported Use Cases for a Brand</i> .....      | 361 |
| <i>Supported Sub Use Cases for a Brand</i> .....  | 365 |
| <i>Create a new Campaign</i> .....                | 367 |
| <i>List Campaign Orders</i> .....                 | 371 |
| <i>Get Campaign Order Details</i> .....           | 374 |
| <i>Campaign Detail</i> .....                      | 376 |
| <i>Register Campaign Credentials</i> .....        | 378 |
| <i>Campaign Credentials</i> .....                 | 379 |
| Trouble Ticketing .....                           | 380 |
| <i>Create Trouble Ticket</i> .....                | 380 |
| <i>View Trouble Ticket List</i> .....             | 382 |
| <i>View Trouble Ticket Detail</i> .....           | 383 |
| <i>Add Trouble Ticket Note</i> .....              | 385 |

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| <i>View Trouble Ticket Note</i> .....                                   | 386 |
| <i>Add Trouble Ticket Document</i> .....                                | 387 |
| <i>Retrieve Trouble Ticket Document</i> .....                           | 388 |
| Customer Notifications .....                                            | 389 |
| <i>Retrieve Notification Types</i> .....                                | 389 |
| <i>Retrieve Webhook Types</i> .....                                     | 390 |
| <i>Retrieve Customer Notifications</i> .....                            | 391 |
| <i>Update Customer Notifications</i> .....                              | 392 |
| Health Check .....                                                      | 394 |
| <i>Get Health Check</i> .....                                           | 394 |
| Reference .....                                                         | 395 |
| <i>Retrieve CNAM Dip Setting on All Numbers</i> .....                   | 395 |
| <i>Retrieve CNAM Storage Numbers</i> .....                              | 397 |
| <i>Retrieve Directory Listing Numbers</i> .....                         | 398 |
| <i>Retrieve E911 Numbers</i> .....                                      | 399 |
| <i>Retrieve Messaging Numbers</i> .....                                 | 401 |
| <i>Retrieve Approved DID and LNP Rate Center Coverage</i> .....         | 403 |
| <i>Validate E911 Address</i> .....                                      | 405 |
| <i>Whitelisted Addresses</i> .....                                      | 409 |
| <i>Retrieve LATA List</i> .....                                         | 411 |
| <i>Retrieve Toll-free CICs</i> .....                                    | 412 |
| <i>Telephone Number Port-Out History</i> .....                          | 413 |
| Deprecated APIs.....                                                    | 414 |
| <i>Order Messaging-Only Telephone Number - DEPRECATED</i> .....         | 414 |
| <i>Order E911-Only Telephone Number - DEPRECATED</i> .....              | 415 |
| <i>Search Assigned Telephone Number – DEPRECATED</i> .....              | 417 |
| <i>Order Port-In Messaging-Only Telephone Number – DEPRECATED</i> ..... | 419 |
| <i>Order Messaging-Only Toll-Free Numbers – DEPRECATED</i> .....        | 421 |
| <i>Retrieve Toll-free Feature Details - DEPRECATED</i> .....            | 422 |
| Account Settings .....                                                  | 423 |
| <i>View Account Default Settings</i> .....                              | 423 |
| <i>Update Account Default Settings</i> .....                            | 425 |
| Webhooks for Order and Port-Out Number Updates .....                    | 427 |

|                                                       |            |
|-------------------------------------------------------|------------|
| <i>Order Status Update</i> .....                      | 427        |
| <i>Port-In Number Status Update</i> .....             | 428        |
| <i>Port-Out Number Authorization</i> .....            | 429        |
| <i>Port-Out Number Completion</i> .....               | 433        |
| <b>Message Broker Operations</b> .....                | <b>434</b> |
| Message Service Overview .....                        | 434        |
| Send and Receive Messages .....                       | 434        |
| <i>Send Outbound Message</i> .....                    | 434        |
| <i>Retrieve API Key and Webhook Information</i> ..... | 436        |
| <i>Configure Inbound Message Webhook</i> .....        | 437        |
| <i>Remove API Key and Webhook Information</i> .....   | 439        |
| <i>Receive Inbound Message Webhook</i> .....          | 439        |
| <i>Additional Information</i> .....                   | 440        |
| Order Validation.....                                 | 440        |
| <i>Telephone Number Order</i> .....                   | 440        |
| <i>Port-In Order</i> .....                            | 441        |
| Order Statuses .....                                  | 441        |
| <i>Incomplete</i> .....                               | 441        |
| <i>Pending</i> .....                                  | 442        |
| <i>Pending Cancel</i> .....                           | 442        |
| <i>Canceled</i> .....                                 | 442        |
| <i>Closed</i> .....                                   | 442        |
| Port-In Status .....                                  | 442        |
| <i>Pending</i> .....                                  | 443        |
| <i>FOC Secured (Port Date Set)</i> .....              | 444        |
| <i>Jeopardy (Correction Required)</i> .....           | 445        |
| <i>Port Complete</i> .....                            | 446        |
| Character Limits .....                                | 447        |
| Response Status Codes .....                           | 449        |
| Troubleshooting.....                                  | 449        |
| Change Log.....                                       | 450        |

## Overview

This document explains how to access and use the Inteliquent Services API to integrate your applications with Inteliquent's for automated processing of telephone number, port-in, and order management operations.

Only RESTful protocol is supported (the Services API accepts information in JSON format). Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/Services/1.0.0>
- Sandbox: <https://services-sandbox.inteliquent.com/Services/1.0.0> (please use this environment for initial integration testing)

## Accounts and Access

Request an account from Inteliquent ([portal.support@inteliquent.com](mailto:portal.support@inteliquent.com)) for the production and sandbox API environments. After an account has been created and API access is enabled for your company, you can retrieve your company's key and secret from the Admin section of the customer portal for the appropriate environment.

Access the portal using the following URLs:

- Production: <https://portal.inteliquent.com>
- Sandbox: <https://portal-sandbox.inteliquent.com>

## Security

The Inteliquent Services API accepts HTTPS connections using TLS version 1.2.

## Authentication

Two forms of authentication are supported by Services API: OAuth2 Authentication and Authorization and Basic Authentication

### OAuth2.0

OAuth 2.0 is the authentication and authorization mechanism for the Inteliquent Services API. Your application must pass the correct token in the HTTP header to make API calls to Inteliquent.

Your application can request a token from the Inteliquent Token Generator with your consumer key and secret, as shown below. Tokens expire after one hour.

Token Generation Endpoints:

- Production: <https://services-token.inteliquent.com/oauth2/token>
- Sandbox: <https://services-token-sandbox.inteliquent.com/oauth2/token> (please use this environment for initial integration testing)

Example Request (using curl):

```
curl -X POST -H "Content-Type:application/x-www-form-urlencoded" -H "charset:UTF-8"  
https://services-token.inteliquent.com/oauth2/token --insecure --data  
"client_id=YOURCONSUMERKEY&client_secret=YOURCONSUMERSECRET&grant_type=client_credentials"
```

Example Response:

```
{"scope": "am_application_scope  
default", "token_type": "bearer", "expires_in": 9223372036854775807, "access_token": "a12b34567c8901  
2def34g56789hi0j12"}
```

You must then provide the token retrieved as part of the HTTP Header each time you make an API call.

```
Authorization: Bearer <OAuth2.0Token>
```

When your application calls the Inteliquent Services API, the API first validates that the OAuth2.0 token is valid. If so, the service call will be executed. If not, the following error message will be returned:

```
{  
  "message": "Invalid authentication information provided",  
  "status": "Invalid credentials",  
  "statusCode": "401001",  
  "timestamp": "2019-12-10T14:07:32.310-0600"  
}
```

## Basic Authentication

You can use your API Key and Secret to set the Basic Authorization header.

```
Authorization: Basic <Base64 encoded(Key:Secret)>
```

When your application calls the Inteliquent Services API, the API first validates that the Basic Auth is valid. If so, the service call will be executed. If not, the following error message will be returned:

```
{  
  "message": "Invalid authentication information provided",  
  "status": "Invalid credentials",  
  "statusCode": "401001",  
  "timestamp": "2019-12-10T14:07:32.310-0600"  
}
```

## Client Key Management

Only RESTful protocol is supported (the Services API accepts information in JSON format). Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/ClientMgmt/1.0.0/>
- Sandbox: <https://services-sandbox.inteliquent.com/ClientMgmt/1.0.0/> (please use this environment for initial integration testing)

The following API calls allow you to manage your API access keys with Inteliquent for all:

- [POST /registerClient](#)
- [POST /resetClient](#)
- [POST /updateClient](#)
- [POST /deleteClient](#)
- [POST /getClientList](#)

## Register a Client

### POST /registerClient

In order to create a new client key and secret, a call to the /registerClient has to be made. This operation will create a key/secret pair that can then be used to make subsequent calls to various Inteliquent Service APIs.

Please Note: The first key for the company would be setup using the Customer Portal. Once the first key is set up, it can then be used to create additional keys.

#### Request:

| Parameter         | Description                                                                                                                                                                  | Required |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| primaryPrivateKey | Existing primary key for the customer.                                                                                                                                       | Yes      |
| keyName           | An optional name to identify the key being generated.                                                                                                                        | No       |
| isPrimary         | Indicates whether the key being created is a primary or not. If this is the first key for the Customer, then it will automatically be considered and setup as a primary key. | No       |

#### Response:

| Parameter      | Description                                                                                                   | Type   |
|----------------|---------------------------------------------------------------------------------------------------------------|--------|
| status         | Indicates whether the API call was successful.<br>Values: Success or Failure                                  | String |
| statusCode     | 200 - Successful<br>410 - Invalid Request Primary private key is required<br>400 - Requested key is not found | String |
| companyDetails | Encompassing object that holds the key/secret                                                                 | Object |
| privateKey     | Key that just got generated.                                                                                  | String |

|             |                                            |                                                |
|-------------|--------------------------------------------|------------------------------------------------|
| apiSecret   | Secret that just got generated             | String                                         |
| keyName     | Key Name if sent in as part of the request | String                                         |
| isPrimary   | Indicates if the key is primary or not     | Boolean                                        |
| createdDate | Date the key was created                   | ISO Format - 2019-12-16T07:43:03.811Z          |
| updatedAt   | Date the key was last updated              | ISO Format – example: 2019-12-16T07:43:03.811Z |

**Example Request 1:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",
  "keyName": "key334",
  "isPrimary": false
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "om1we3Ticf5ia84JbDrRaNp0zz23",
    "apiSecret": "zZzLA0HXq5CSr8QswPhQ260DFmD2",
    "keyName": "key334",
    "isPrimary": false
  }
}
```

**Example Request 2 – Not using a primary key:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "keyName": "key334",
  "isPrimary": true
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

**Example Request 3 – Invalid Primary Key:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "om1we3TIcf5ia84JbDrRaNp0zZ23",
  "keyName": "key334"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

## Reset a Client

**POST /resetClient**

There are times when the key/secret combination needs to be reset. Calling this endpoint will reset the secret for the given key.

**Request:**

| Parameter         | Description                            | Required |
|-------------------|----------------------------------------|----------|
| primaryPrivateKey | Existing primary key for the customer. | Yes      |
| privateKey        | Key that needs to be reset.            | Yes      |

**Response:**

| Parameter      | Description                                                                                                   | Type                                  |
|----------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------|
| status         | Indicates whether the API call was successful.<br>Values: Success or Failure                                  | String                                |
| statusCode     | 200 - Successful<br>410 - Invalid Request Primary private key is required<br>400 - Requested key is not found | String                                |
| companyDetails | Encompassing object that holds the key/secret                                                                 | Object                                |
| privateKey     | Key that just got updated.                                                                                    | String                                |
| apiSecret      | New secret of the key that just got updated                                                                   | String                                |
| keyName        | Key Name                                                                                                      | String                                |
| isPrimary      | Indicates if the key is primary or not                                                                        | Boolean                               |
| createdDate    | Date the key was created                                                                                      | ISO Format - 2019-12-16T07:43:03.811Z |

updatedAt

Date the key was last updated

ISO Format – example:  
2019-12-  
16T07:43:03.811Z

## Example Request 1:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "BWaiU6abdj846gfd7h3sgfd345j",
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",
    "apiSecret": "zZZLA0HXq5CSr8QsWPhQ260DFmD2",
    "keyName": "key334",
    "isPrimary": false
  }
}
```

## Example Request 2 – Missing keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Required fields not sent",
  "statusCode": "410"
}
```

## Example Request 3 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

## Example Request 4 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

## Example Request 5 – Wrong primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

## Example Request 6 – Wrong keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

## Update Client Key Information

POST /updateClient

In order to make the current key the new “Primary” or change of keyName, this end point will do exactly that. Calling this endpoint will change the isPrimary flag or the key name for a given key.

Please Note: this call can also make a given key primary. There are various checks that are enforced.

1. You cannot update a primary key to make its isPrimary=false.
2. You can update a non-primary key to become a primary key. The existing primary is also updated to not be primary.

Request:

| Parameter         | Description                                                                                                                                                                  | Required |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| primaryPrivateKey | Primary key for the customer.                                                                                                                                                | Yes      |
| privateKey        | Existing key for the customer that needs to be updated.                                                                                                                      | Yes      |
| keyName           | An optional name to be updated.                                                                                                                                              | No       |
| isPrimary         | Indicates whether the key being created is a primary or not. If this is the first key for the Customer, then it will automatically be considered and setup as a primary key. | No       |

Response:

| Parameter      | Description                                                                  | Type   |
|----------------|------------------------------------------------------------------------------|--------|
| status         | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode     | 200 - Successful                                                             | String |
|                | 410 - Invalid Request Primary private key is required                        | String |
|                | 400 - Requested key is not found                                             | String |
| companyDetails | Encompassing object that holds the key/secret                                | Object |
| privateKey     | Key that just got updated.                                                   | String |
| apiSecret      | Secret of the key that just got updated                                      | String |
| keyName        | Key Name                                                                     | String |

|             |                                        |                                                |
|-------------|----------------------------------------|------------------------------------------------|
| isPrimary   | Indicates if the key is primary or not | Boolean                                        |
| createdDate | Date the key was created               | ISO Format - 2019-12-16T07:43:03.811Z          |
| updatedAt   | Date the key was last updated          | ISO Format – example: 2019-12-16T07:43:03.811Z |

#### Example Request 1 Update a non-primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "BWaiU6abdj846gfd7h3sgfd345j",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": false
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
    "keyName": "Key New Names",
    "isPrimary": false,
    "createdDate": "2019-12-16T17:00:12.352Z",
    "updatedAt": "2019-12-16T17:59:41.562Z"
  }
}
```

#### Example Request 2: Update a primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": true
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
    "keyName": "Key New Names",
    "isPrimary": true,

```

```
    "createdDate": "2019-12-16T17:00:12.352Z",  
    "updatedAt": "2019-12-16T17:59:41.562Z"  
  }  
}
```

Example Request 3: Update a primary key to make it non-primary:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12  
{  
  "primaryPrivateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",  
  "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",  
  "keyName": "Key New Names",  
  "isPrimary": false  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Make another key as primary first",  
  "statusCode": "410"  
}
```

Example Request 4: Missing fields:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12  
{  
  "keyName": "Key New Names",  
  "isPrimary": false  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Required fields not sent",  
  "statusCode": "409"  
}
```

Example Request 5 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Primary private key is required",  
  "statusCode": "410"  
}
```

```
}
```

**Example Request 6 – Missing private key:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

**Example Request 7 – Wrong primary key:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

**Example Request 8 – Wrong keys:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

## Delete Client Key

POST /deleteClient

If a given key needs to be deleted, this call should be invoked.

Please Note: There are various checks that are enforced.

1. You cannot delete a primary key. To delete a key that is primary, first execute updateClient to make another key to become primary and then execute /deleteClient.

### Request:

| Parameter         | Description                                                                                               | Required |
|-------------------|-----------------------------------------------------------------------------------------------------------|----------|
| primaryPrivateKey | Primary key needs to be passed into this call to ensure only authorized applications are making the call. | Yes      |
| privateKey        | Key that needs to be deleted.                                                                             | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 – Successful                                                          | String |
|            | 410 - Invalid Request Primary private key is required                     | String |
|            | 400 - Requested key is not found                                          | String |

Example Request 1: Delete a non-primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",
  "privateKey": "d7qcQCZiwcITTwSAdnixMuHILW5u"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Request 2: Delete Primary Key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Can not delete primary key. Make another key as primary.",
  "statusCode": "410"
}
```

## Example Request 3 – Missing keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Required fields not sent",
  "statusCode": "410"
}
```

## Example Request 4 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

## Example Request 5 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

## Example Request 6 – Wrong primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QswPhQ26068gf93gd3"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

## Example Request 7 – Wrong keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QswPhQ26068gf93gd3"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

## Get Client Key List

POST /getClientList

To retrieve the full list of all client keys, execute a /getClientList call.

**Request:**

| Parameter  | Description                                                      | Required |
|------------|------------------------------------------------------------------|----------|
| privateKey | Key to retrieve the list of all keys associated with the company | Yes      |

**Response:**

| Parameter         | Description                                                                  | Type                                           |
|-------------------|------------------------------------------------------------------------------|------------------------------------------------|
| status            | Indicates whether the API call was successful.<br>Values: Success or Failure | String                                         |
| statusCode        | 200 - Successful                                                             | String                                         |
|                   | 410 - Invalid Request Primary private key is required                        | String                                         |
|                   | 400 - Requested key is not found                                             | String                                         |
| companyKeyDetails | Encompassing object that holds the key/secret                                | Object                                         |
| clientKeys        | Array of keys                                                                | Object                                         |
| privateKey        | Key that just got updated.                                                   | String                                         |
| apiSecret         | Secret of the key that just got updated                                      | String                                         |
| keyName           | Key Name - Optional                                                          | String                                         |
| isPrimary         | Indicates if the key is primary or not                                       | Boolean                                        |
| createdDate       | Date the key was created                                                     | ISO Format - 2019-12-16T07:43:03.811Z          |
| updatedAt         | Date the key was last updated                                                | ISO Format – example: 2019-12-16T07:43:03.811Z |

**Example Request 1: Get list of keys:**

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyKeyDetails": {
    "companyName": "Neutral Tandem",
    "clientKeys": [
      {
        "privateKey": "MP1ik7o5VwfknQ1n68aC2hg81odr",
        "apiSecret": "dgpPYDss2qvJiIj2ZzKUE3wXRVYT",
        "isPrimary": false,
        "createdDate": "2019-12-16T20:29:28.881Z",
        "updatedAt": "2019-12-16T20:29:28.881Z"
      }
    ]
  },
}
```

```
        "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",
        "apiSecret": "Sm0Z71lEM6VV4cht1a3E0GqHTE7s",
        "keyName": "Key New Names",
        "isPrimary": true,
        "createdDate": "2019-12-16T17:00:12.352Z",
        "updatedAt": "2019-12-16T19:46:40.569Z"
      }
    ]
  }
}
```

#### Example Request 2 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

#### Example Request 3 – Invalid private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{ "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Private key",
  "statusCode": "409"
}
```

---

## Voice Services Operations

---

Inteliquent offers an extensive suite of API operations to allow you to manage voice services, including order and port telephone numbers, view and manage existing orders, submit trouble tickets, and retrieve related reports.

### ***Telephone Number***

The following API calls allow you to search, order, and manage telephone numbers in Inteliquent inventory:

- [POST /tnInventory](#)
- [POST /tnReserve](#)
- [POST /tnRelease](#)
- [POST /tnReleaseList](#)
- [POST /tnInventoryCoverage](#)
- [POST /tnOrder](#)
- [POST /tnAssignedList](#)
- [POST /tnDetail](#)
- [POST /tnUpdate](#)
- [POST /tnFeatureOrder](#)
- [POST /voiceScript](#)
- [POST /voiceScriptDetail](#)
- [POST /portOutPinUpdate](#)
- [POST /tnNoteUpdate](#)
- [POST /tnDisconnect](#)
- [POST /tnPendingDisconnectList](#)
- [POST /tnRestore](#)
- [POST /tnForward](#)
- [POST /tfForward](#)
- [POST /tnForwardList](#)
- [POST /tfForwardList](#)
- [POST /tnE911](#)
- [POST /tnE911Validate](#)
- [POST /tnE911Notification](#)
- [POST /tnE911NotificationList](#)
- [POST /customerE911Notification](#)
- [POST /customerE911NotificationList](#)
- [POST /stateList](#)
- [POST /countyList](#)
- [POST /fccList](#)
- [POST /e911AuthNameList](#)
- [POST /psapNameList](#)
- [POST /psapContactList](#)
- [POST /tnMessaging](#)
- [POST /tnRequest](#)
- [POST /tnMove](#)
- [POST /tnDno](#)
- [POST /tnAltSpid](#)

## Search Telephone Number Inventory

POST /tnInventory

This operation allows you to search for telephone numbers in Inteliquent inventory. Now we can perform search in multiple ways like rate center, city/zip and postal code search along with radius or sequential or local area option.

We can perform search as mentioned below

- Addition of the “City/State” and “City/State with Radius” searches
- Addition of the “Postal Code” and “Postal Code with Radius” searches
- Addition of the local option within a subset of the searches like “Rate Center” or “City/State” or “Postal Code”
- Addition of an option to toggle between Wireless or Wireline search

### Telephone Number Search Rules

- tnMask or tnWildcard are required (even if searching for all TNS). tnMask takes priority if both are specified.
- Rate center, city, and postal code are mutually exclusive.
- If city is specified, the state must be specified.
- Radius is only valid if city and province or zip are specified.
- Radius, local, and sequential are mutually exclusive.
- In case of local, NPANXX takes priority if city or province or rateCenter specified.
- If local is specified, one of the following must be true:
  - tnMask or tnWildcard specify the NPANXX (first six digits)
  - rateCenter is specified
  - city and province are specified (without a radius)
  - postal Code is specified (without a radius)
- If wireless is specified, the customer must be configured to allow ordering wireless TNS.

| Parameter      | Description                                                                                                                        | Required |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey     | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnMask         | Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                                          | Yes*     |
| tnWildcard     | Telephone number. Accepts 0-9, Aa-Zz, *, or ? (e.g. “*Hello*” or “312?Hi*7”)                                                       | Yes*     |
| lata           | Three-digit local access and transport area code                                                                                   | No       |
| rateCenter     | Rate center abbreviation (e.g. WSHNGTNZN1)                                                                                         | No       |
| rateCenterTier | Rate center tier (acceptable values are 0, 1, 2, AK, HI, CAN, PRI, WS-A, WS-B, WS-C)                                               | No       |
| province       | Two-letter state or province abbreviation (e.g. IL, CA)                                                                            | No       |
| city           | Name of the City to search for numbers                                                                                             | No       |
| postalCode     | Postal Code to search for numbers                                                                                                  | No       |
| radius         | Radius to search for numbers within specified limit                                                                                | No       |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|                  | Maximum acceptable value: 50 (miles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |
| quantity         | Maximum number of results to return; partial quantity may be returned based on inventory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No |
| sequential       | Enter true to return sequential numbers (up to 99)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No |
| wireless         | Enter Y or N to retrieve wireless or wireline numbers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No |
| localCallingArea | Enter true to retrieve local calling area numbers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No |
| searchOnNetOnly  | Enter Y or N to include or exclude offnet numbers from search results; N be overridden if customer-level setting is Y in <a href="#">accountDefaultDetail</a> response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No |
| pageSort         | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No |
| property         | Result sort property; acceptable values are tn, rateCenter, lata, state, rateCenterTier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No |
| direction        | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No |
| size             | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No |
| page             | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No |
| searchId         | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response.<br><i>Please note: It is only effective for size = 10000. If you intend to download our inventory, we would need you to paginate through the results in groups of 10,000 using searchID.</i> | No |

#### Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Success                                                                | String |
|            | 408 - privateKey can not blank.                                              | String |
|            | 430 - No Result Found                                                        | String |
|            | 409 - Invalid Input Parameters:                                              | String |
|            | 414 - Missing parameter                                                      | String |
|            | 408 - Province must be two character long.                                   | String |
|            | 408 - Province can not be numeric.                                           | String |
|            | 408 - LATA length must be in 3 digits.                                       | String |

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| 408 - Postal Code must be in 5 digits.                             | String |
| 408 - Postal Code must be numeric.                                 | String |
| 408 -Postal Code must be 5 digits                                  | String |
| numeric or 7 digit alpha numeric with a space in between (xxx xxx) | String |
| 408 - orderId can not be blank.                                    | String |
| 408 - rcAbbre can not be greater than ten character long.          |        |
| 417 - Quantity must be less than 10000                             |        |

### Search ID Example:

#### Step 1 - Issue tnInventory query without any ID

```
{"privateKey":"XXXXXX","tnMask":"xxxxxxxxxx","pageSort":{"direction":"asc","size":10000}}
```

#### Step 2 – Retrieve the first result back with the search ID returned.

capture the searchId and TN list

```
{"tnResult":[],"totalPages":38,"totalItems":372923,"searchId":"ABCD"}}
```

#### Step 3 - Add the search ID captured in the response to the pagesort object on subsequent tnInventory calls until no results are returned.

```
{"privateKey":"XXXXXX","tnMask":"xxxxxxxxxx","pageSort":{"direction":"asc","size":10000,"searchId":"ABCD"}}
```

If you search without sending any NPA/Area Code and just use all XXX as the tnMask it will enable you to pull back the entire inventory use the same search ID. If the searches change, you do have to pull the search ID for that call.

P.S. \*Either tnMask or tnWildcard is required.

Example Request1:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "xxxxxx410x",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
"DnF1ZXJ5VAABYdYfK5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGhlbkZldGN0BQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAaw7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

## Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

## Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 10000,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

## Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "wireless": "Y",
  "quantity": 10
}
```

## Example Request5 (City/State):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
```

```
"tnWildcard": "201335YZ*",  
"city": "Naperville", "province": "IL",  
"wireless": "Y",  
"quantity": 10  
}
```

#### Example Request6 (City/State with Radius):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1  
Authorization: Bearer a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",  
  "tnWildcard": "201335YZ*",  
  "city": "Naperville", "province": "IL", "radius": 10  
  "wireless": "Y",  
  "quantity": 10  
}
```

#### Example Request7 (Postal Code search):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1  
Authorization: Bearer a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",  
  "tnWildcard": "201335YZ*",  
  "province": "IL", "postalCode": "60564",  
  "wireless": "Y",  
  "quantity": 10  
}
```

#### Example Request8 (Postal Code with Radius):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1  
Authorization: Bearer a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",  
  "tnWildcard": "201335YZ*",  
  "province": "IL", "postalCode": "60564", "radius": 10  
  "wireless": "Y",  
  "quantity": 10  
}
```

#### Example Request9 (NPANXX with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1  
Authorization: Bearer a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",  
  "tnMask": "201335xxxx",  
  "province": "IL",  
  "localCallingArea": true,  
  "quantity": 10  
}
```

#### Example Request10 (Rate Center with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "rateCenter": "ORADELL",
  "localCallingArea": true,
  "quantity":10
}
```

#### Example Request11 (City/State with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "city":"Naperville", "province":"IL",
  "localCallingArea": true,
  "quantity":10
}
```

#### Example Request12 (Postal Code with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "postalCode": "60564",
  "localCallingArea": true,
  "quantity":10
}
```

The existing tnMask parameter has not been changed, and a new tnWildcard parameter has been added. If both are provided, tnMask will take priority.

| Parameter  | Description                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| tnMask     | Must be exactly 10 characters. Accepts 0-9, x, X, or space<br>x, X, or space are interpreted as any single digit<br>Example: "312xxx1x2x" |
| tnWildcard | Accepts 0-9, Aa-Zz, *, or ?<br>Examples: "*Hello*" or "312?Hi*7"                                                                          |

tnWildcard interpretations are listed below:

| Character | Interpretation  |
|-----------|-----------------|
| 0 - 9     | No translation  |
| Aa - Cc   | Translated to 2 |
| Dd - Ff   | Translated to 3 |
| Gg - Ii   | Translated to 4 |
| Jj - Ll   | Translated to 5 |

|         |                        |
|---------|------------------------|
| Mm - Oo | Translated to 6        |
| Pp - Ss | Translated to 7        |
| Tt - Vv | Translated to 8        |
| Ww - Zz | Translated to 9        |
| *       | Any character sequence |
| ?       | Any single character   |

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnResult": [
    {
      "telephoneNumber": "3184074100",
      "rateCenter": "COLFAX",
      "rateCenterName": "COLFAX",
      "city": "COLFAX",
      "lata": "486",
      "province": "LA",
      "rateCenterTier": "Tier 0",
      "cnamAllowed": "Y",
      "dlAllowed": "Y",
      "e911Allowed": "Y",
      "msgAllowed": "Y",
      "countryCode": "1",
      "portOutPinSupported": "Y",
      "portOutNotificationSupported": "Y",
      "smsOverrideAllowed": "Y",
      "mmsAllowed": "Y",
      "mmsOverrideAllowed": "Y"
    },
    {
      "telephoneNumber": "3184074109",
      "rateCenter": "COLFAX",
      "city": "COLFAX",
      "lata": "486",
      "province": "LA",
      "rateCenterTier": "Tier 0",
      "cnamAllowed": "Y",
      "dlAllowed": "Y",
      "e911Allowed": "Y",
      "msgAllowed": "Y",
      "countryCode": "1",
      "portOutPinSupported": "Y",
      "portOutNotificationSupported": "Y",
      "smsOverrideAllowed": "Y",
      "mmsAllowed": "Y",
      "mmsOverrideAllowed": "Y"
    }
  ],
  "page": "1",
  "totalPages": "117",
  "totalItems": "233",
  "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
```

```
bUZZcG1xUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

## Reserve Telephone Numbers

POST /tnReserve

This operation allows you to reserve TNs prior to ordering them. TNs (up to a maximum) will be reserved for up to four hours before they are released back into inventory. In order to release the reserved TNs you will need to call the tnRelease API call.

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnReserve  | Contains TN information                                                                                                            | Yes      |
| tnList     | Contains requested telephone number(s)                                                                                             | Yes      |
| tnItem     | Contains requested telephone number(s)                                                                                             | Yes      |
| tn         | Ten-digit telephone number requested (e.g. 8156680000)                                                                             | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 420 - Invalid TN List (TN List is null/empty)                             | String |
|            | 409 - Invalid Input Parameters:                                           | String |
|            | 410 - DB Error:                                                           | String |
|            | 411 - Unknown Error                                                       | String |
|            | 430 - No Result Found                                                     | String |
|            | 431 - Request exceeds the maximum number of reserved TNs                  | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

### Example Request1 - Success

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
```

```
{
  {
    "tn": "2015540010"
  },
  {
    "tn": "2015540011"
  },
  {
    "tn": "2015540012"
  },
  {
    "tn": "2015540013"
  },
  {
    "tn": "2015540300"
  }
}
```

#### Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 5
  }
}
```

#### Example Request 2- Limit Exceeded

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

## Example Response:

```
{
  "status": "Request exceeds the maximum number of reserved TNs",
  "statusCode": "431"
}
```

## Example Request 3- Partial Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

## Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 3,
    "excludedTnList": [
      {
        "tn": "2015540013"
      },
      {
        "tn": "2015540300"
      }
    ]
  }
}
```

## Release Telephone Numbers from Reserved Status

POST /tnRelease

This operation allows you to release reserved TNs back into inventory.

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnRelease  | Contains TN information                                                                                                            | Yes      |
| tnList     | Contains requested telephone number(s)                                                                                             | Yes      |
| tnItem     | Contains requested telephone number(s)                                                                                             | Yes      |
| tn         | Ten-digit telephone number requested (e.g. 8156680000)                                                                             | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 201 - Unable to release tns                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            |                                                                           | String |

## Example Request 1 – Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnRelease": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

## Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReleaseResponse": {
    "totalTnCount": 5,
    "releasedTnCount": 5
  }
}
```

## Example 2 – Excluded TNs

```
{
  "privateKey": "kI0T5YmicfgD9lahFWZnTC4iBBAA",
  "tnRelease": {
    "tnList": {
      "tnItem": [
        {
          "tn": "1234567890"
        }
      ]
    }
  }
}
```

### Example Response 2

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReleaseResponse": {
    "totalTnCount": 1,
    "releasedTnCount": 0,
    "excludedTnList": [
      {
        "tn": "1234567890"
      }
    ]
  }
}
```

## Retrieve list of Reserved Telephone Numbers

POST /tnReservedList

This operation allows you to obtain a list of all your reserved telephone numbers.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 430 - No Result Found                                                     | String |
|            | 431 - Unable to complete the request at the moment, please try again.     |        |

### Example Request 1 - Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

### Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "reservedTns": [
    {
      "telephoneNumber": "2012673721",
      "rateCenter": "ORADELL",
      "rateCenterName": "ORADELL",
      "lata": "224",
      "province": "NJ",
    }
  ]
}
```

```
    "city": "ORADELL",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  },
  {
    "telephoneNumber": "2012673739",
    "rateCenter": "ORADELL",
    "rateCenterName": "ORADELL",
    "lata": "224",
    "province": "NJ",
    "city": "ORADELL",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  },
  {
    "telephoneNumber": "2013351239",
    "rateCenter": "CRAGMERE",
    "rateCenterName": "CRAGMERE",
    "lata": "224",
    "province": "NJ",
    "city": "CRAGMERE",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  }
]
```

#### Example Request 2 – No Results Found

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

### Example Response 2

```
{
  "status": "No Result Found",
  "statusCode": "430"
}
```

## Retrieve Telephone Number Inventory Coverage

**POST /tnInventoryCoverage**

This operation allows you to retrieve quantities of available telephone numbers in Inteliquent inventory.

| Parameter  | Description                                                                                                                                      | Required |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                                                                                    | Yes      |
| countBy    | Attribute by which quantities will be aggregated; acceptable values are state, rateCenter, npaNxx, and block (seventh digit of telephone number) | No*      |
| rateCenter | Search by specified rate center                                                                                                                  | No       |
| wireless   | Include or exclude wireless/wireline numbers; Accepted values are Y or N                                                                         | No       |
| province   | Two-letter state or province abbreviation (e.g. IL, CA                                                                                           | No       |

\*If countBy is not sent, results will be returned by NPA-NXX

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:                                                | String |
|            | 408 - Invalid File Name.                                                  | String |
|            | 409 - Invalid Input Parameters:                                           | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 414 -                                                                     | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnInventoryCoverageList": [
    {
      "npa": "201",
      "nxx": "389",
      "lata": "224",
      "rcAbbre": "RIDGEWOOD",
      "locState": "NJ",
      "count": 973
    },
    {
      "npa": "202",
      "nxx": "335",
      "lata": "236",
      "rcAbbre": "WSHNGTNZN1",
      "locState": "DC",
      "count": 9972
    },
    {
      "npa": "202",
      "nxx": "609",
      "lata": "236",
      "rcAbbre": "WSHNGTNZN1",
      "locState": "DC",
      "count": 25
    }
  ]
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "rateCenter": "SAN PEDRO"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnInventoryCoverageList": [
    {
      "npa": "201",
      "nxx": "389",
      "lata": "224",
      "rcAbbre": " SAN PEDRO ",
      "locState": "NJ",
      "count": 973
    },
    {
      "npa": "202",
```

```

    "nxx": "335",
    "lata": "236",
    "rcAbbre": " SAN PEDRO ",
    "locState": "DC",
    "count": 9972
  },
  {
    "npa": "202",
    "nxx": "609",
    "lata": "236",
    "rcAbbre": " SAN PEDRO ",
    "locState": "DC",
    "count": 25
  }
]
}

```

#### Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "rateCenter": "SAN PEDRO",
  "wireless": "Y"
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}

```

## Order New Telephone Number

### POST /tnOrder

This operation allows you to order telephone numbers from Inteliquent inventory. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response. Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Enter the following values in the body of the request:

| Value                      | Description                                   | Required |
|----------------------------|-----------------------------------------------|----------|
| privateKey                 | API key required to validate your application | Yes      |
| tnOrder                    | Contains order information                    | Yes      |
| customerOrder<br>Reference | Alphanumeric order reference name             | No       |
| tnList                     | Contains requested telephone number(s)        | Yes      |
| tnItem                     | Contains requested telephone number(s)        | Yes      |
| tn                         | Ten-digit telephone number requested (e.g.    | Yes      |

|                |                                                                                       |     |
|----------------|---------------------------------------------------------------------------------------|-----|
|                | 8156680000)                                                                           |     |
| trunkGroup     | Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897)   | No  |
| routingOption  | Desired routingOption to assign the requested telephone number (e.g. CHCGIL24CL1_897) | No  |
| portOutPin     | PIN for onnet port-out protection (Tier 0 & HI)                                       | No  |
| tnNote         | Optional note value to be stored on the number                                        | No  |
| altSpid        | Alternate SPID for the Number                                                         | No  |
| endUser        | End user information for the telephone number                                         | No* |
| name           | End user name                                                                         | No  |
| streetNum      | End user address street number (e.g. 100, 550)                                        | No  |
| streetPreDir   | End user address street direction prefix (e.g. N)                                     | No  |
| streetName     | End user address street name                                                          | No  |
| streetType     | End user address street type (e.g. St, Ave)                                           | No  |
| streetPostDir  | End user address street direction ending (e.g. SW)                                    | No  |
| locationType1  | End user address location type 1 (e.g. Bld, Apt)                                      | No  |
| locationValue1 | End user address location value 1 (e.g. 1, 2B)                                        | No  |
| locationType2  | End user address location type 2 (e.g. Flr, Ste)                                      | No  |
| locationValue2 | End user address location value 2 (e.g. 1, 900)                                       | No  |
| locationType3  | End user address location type 3 (e.g. Flr, Ste)                                      | No  |
| locationValue3 | End user address location value 3 (e.g. 1, 900)                                       | No  |
| city           | End user address city                                                                 | No  |
| state          | End user address state                                                                | No  |
| postalCode     | End user address zip code                                                             | No  |
| typeOfService  | Acceptable values are B, Business, R and Residence                                    | No* |

\* Type of service is automatically set to B if not sent and callingName or directoryListing are present

|                  |                                                                                                                            |      |
|------------------|----------------------------------------------------------------------------------------------------------------------------|------|
| tnFeature        | Contains features associated to the telephone number                                                                       | No   |
| callerId         | Caller ID name (CNAM) for the telephone number                                                                             | No   |
| callingName      | Caller display name for outbound / LIDB storage; must be 15 characters or fewer and should have at least 1 alpha character | No   |
| cnamDip          | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                                  | No** |
| directoryListing | Directory listing information for the telephone number                                                                     | No   |
| lastName         | Directory listing last name (if typeOfService is R) or business name (if typeOfService is B)                               | No   |
| firstName        | Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B)            | No   |

|                        |                                                                                                       |        |
|------------------------|-------------------------------------------------------------------------------------------------------|--------|
| streetNum              | Directory listing address street number (e.g. 100, 550)                                               | No     |
| streetPreDir           | Directory listing address street direction prefix (e.g. N)                                            | No     |
| streetName             | Directory listing address street name                                                                 | No     |
| streetType             | Directory listing address street type (e.g. St, Ave)                                                  | No     |
| streetPostDir          | Directory listing address direction ending (e.g. SW)                                                  | No     |
| location               | Directory listing address location (e.g. Ste 900)                                                     | No     |
| city                   | Directory listing address city                                                                        | No     |
| state                  | Directory listing address state                                                                       | No     |
| postalCode             | Directory listing address zip code                                                                    | No     |
| e911                   | E911 information for the telephone number                                                             | No     |
| name                   | E911 first and last name                                                                              | No***  |
| origStreetNum          | E911 address street number (e.g. 100, 550)                                                            | No***  |
| origStreetInfo         | E911 address street information (e.g. W Adams St)                                                     | No***  |
| origLocation           | E911 address location (e.g. Suite 900)                                                                | No     |
| origCity               | E911 address city                                                                                     | No***  |
| origState              | E911 address state                                                                                    | No***  |
| origPostalCode         | E911 address zip code                                                                                 | No***  |
| origPostalCodePlusFour | E911 address zip code plus four                                                                       | No     |
| messaging              | Text messaging services for the telephone number                                                      | No     |
| messageClass           | Acceptable values are P2P, A2PLC, and A2P8XX                                                          | No**** |
| messageType            | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                               | No**** |
| netNumberId            | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No     |

#### Response:

| Parameter  | Description                                                                                                      | Type   |
|------------|------------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                        | String |
| statusCode | 200 - Success                                                                                                    | String |
|            | 414 - Fields Are Required:                                                                                       | String |
|            | 418 - Character limit is exceeded                                                                                | String |
|            | for:CustomerOrderReference                                                                                       | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = , ] , [ , ! | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                             | String |
|            | 422 - Order quantity limit is 100,000 numbers.                                                                   | String |
|            | 426 - Account not 911-enabled, remove e911 from                                                                  |        |

|                                                                          |        |
|--------------------------------------------------------------------------|--------|
| request.                                                                 | String |
| 430 - No Result Found                                                    | String |
| 414 –                                                                    | String |
| 419 - Error Occurred:                                                    |        |
| 410 - DB Error:                                                          | String |
| 431 - Unable to complete the request at the moment,<br>please try again. | String |
| 425 – Partial Success                                                    | String |

\*\*Will be set to value stored in [accountDefaultDetail](#) if not sent

\*\*\*Required if tnFeature contains e911

\*\*\*\*Required if tnFeature contains messaging

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnOrder": {
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "routingOption": "CHCGIL24CL2_897",
          "altSpid": "123456789",
          "endUser": {
            {
              "name": "Hope Trope",
              "typeOfService": "R"
            },
            "tnFeature": {
              "callerId": {
                "cnamDip": "Y"
              },
              "messaging": {
                "messageClass": "P2P",
                "messageType": "SMS"
              }
            }
          },
          {
            "tn": 6123453623,
            "routingOption": "CHCGIL24CL2_897",
            "altSpid": "123456789",
            "portOutPin": "Test 3623",
            "tnFeature": {
              "callerId": {
                "cnamDip": "N"
              }
            }
          },
          {
            "tn": 6123453624,
            "routingOption": "CHCGIL24CL2_897",
            "altSpid": "123456789",
```

```

    "portOutPin": "Test 3624"
  }
}
}
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "{2=[6123453624 TN is on an existing order]}",
  "statusCode": "200",
  "orderId": "null"
}

```

The response indicates that numbers 6123453622 and 6123453623 were synchronously activated to the account, but 6123453624 was excluded from activation for the provided reason.

An orderId will only be returned for tnOrder requests containing more than 100 telephone numbers, or containing callingName, directoryListing, e911, or messaging. Smaller requests without features will be completed synchronously with a null order number returned in the response.

## Retrieve Assigned Telephone Number List

POST /tnAssignedList

This operation allows you to retrieve a full list of telephone numbers assigned to your company, including Pending, In Service, and Pending Disconnect numbers.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:                                                | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 430 - No Result Found                                                     | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnAssignedList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnBasicList": {
    "tnBasicItem": [
      {
        "tn": 2012512771,
        "tnStatus": "Pending"
      },
      {
        "tn": 2013322229,
        "tnStatus": "In Service"
      },
      {
        "tn": 2013425551,
        "tnStatus": "In Service"
      },
      {
        "tn": 2013435559,
        "tnStatus": "Pending Disconnect"
      }
    ]
  }
}
```

## Retrieve Telephone Number Detail

POST /tnDetail

This operation allows you to retrieve details about the features enabled on a telephone number assigned to your company.

| Parameter                                                                                            | Description                                         | Required |             |       |            |  |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------|-------------|-------|------------|--|
| privateKey                                                                                           | API key required to validate your application       | Yes      |             |       |            |  |
| tnSearchList                                                                                         | Contains one or more sets of search criteria        | Yes      |             |       |            |  |
| tnSearchItem                                                                                         | Contains one or more sets of search criteria        | Yes      |             |       |            |  |
| tnMask                                                                                               | Ten-digit telephone number (e.g. 3123804519)        | Yes      |             |       |            |  |
| tnStatus                                                                                             | Telephone number status; acceptable values include: | No       |             |       |            |  |
| <table><tr><th>Value</th><th>Description</th></tr><tr><td>INSVC</td><td>In Service</td></tr></table> |                                                     | Value    | Description | INSVC | In Service |  |
| Value                                                                                                | Description                                         |          |             |       |            |  |
| INSVC                                                                                                | In Service                                          |          |             |       |            |  |

|                          | PNDNG<br>PDISC                                                                                                       | Pending<br>Pending Disconnect |  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|--|
| trunkGroupName           | Assigned trunk group name (e.g. CHCGIL24CL1_897)                                                                     | No                            |  |
| routingOption            | Assigned routing option name (e.g. NTCHI-2875-DID-950)                                                               | No                            |  |
| lata                     | Three-digit local access and transport area code (e.g. 358, 360, 362)                                                | No                            |  |
| rateCenter               | Rate center abbreviation (e.g. WSHNGTNZN1)                                                                           | No                            |  |
| province                 | Two-letter state or province abbreviation (e.g. IL, CA)                                                              | No                            |  |
| rateCenterTier           | Rate center tier; acceptable values are 0, 2, HI, AK, PRI, and CAN                                                   | No                            |  |
| portOutPin               | Search for specific string contained in port-out PIN                                                                 | No                            |  |
| tnNote                   | Search for specific string contained in telephone number note                                                        | No                            |  |
| cnamDip                  | Search for numbers with or without CNAM dip setting; acceptable values are Y and N                                   | No                            |  |
| callingName              | Search for specific string contained in telephone number calling name                                                | No                            |  |
| containsCallingName      | Search for numbers with or without a calling name set; acceptable values are Y and N                                 | No                            |  |
| directoryListing         | Search for specific string contained in any directory listing field                                                  | No                            |  |
| containsdirectoryListing | Search for numbers with or without directory listing information stored; acceptable values are Y and N               | No                            |  |
| e911Contains             | Search for specific string contained in any E911 field                                                               | No                            |  |
| e911                     | Search for numbers with or without E911 information stored; acceptable values are Y and N                            | No                            |  |
| messageClass             | Search for specific message-enabled numbers; Acceptable values are P2P, A2PLC, and A2P8XX                            | No                            |  |
| messageType              | Search for specific message-enabled numbers; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT | No                            |  |
| messaging                | Search for numbers with or without messaging enabled; acceptable values are Y and N                                  | No                            |  |
| activateStartDateRange   | Start date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z                   | No                            |  |
| activateEndDateRange     | End date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z                     | No                            |  |
| activateUser             | Search for specific string in activation user name                                                                   | No                            |  |
| dno                      | Search for tns that have DNO set to Y or N. Acceptable                                                               | No                            |  |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|           | values are Y and N                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |
| altSpid   | Search for tns that have the specified altSpid                                                                                                                                                                                                                                                                                                                                                                                                                                                | No |
| wireless  | Search for wireless or wire line numbers; acceptable values are Y and N                                                                                                                                                                                                                                                                                                                                                                                                                       | No |
| pageSort  | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No |
| property  | Result sort property; acceptable values are tn, rateCenter, lata, state                                                                                                                                                                                                                                                                                                                                                                                                                       | No |
| direction | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                                                                                                                                        | No |
| size      | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No |
| page      | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No |
| searchId  | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No |

#### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Success                                                                                 | String |
|            | 414 - Fields Are Required:                                                                    | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 409 - Invalid Input Parameters:                                                               | String |
|            | 408 - privateKey can not blank.                                                               | String |
|            | 430 - No Result Found                                                                         | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |
|            | 422 - Maximum number of TNs that can be searched is 1000                                      | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
```

```

"privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
"tnSearchList": {
  "tnSearchItem": [ {
    "tnMask": "xxxxxxxxxx",
    "rateCenter": "BAYONNE",
    "activateStartDateRange": "2017-03-29T14:00:46.000Z",
    "activateEndDateRange": "2017-03-29T14:00:46.000Z",
    "dno": "Y",
    "altSpid": "0213654987"
  } ]
},
"pageSort": {
  "size": 1,
  "page": 1
}
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnList": { "tnItem": [ {
    "tn": 2012151499,
    "trunkGroup": "ATLNGAQS08T_266",
    "routingOption": "NTCHI-2875-DID-950",
    "customerRoutingOption": "API Rename Trunk 1663041555072",
    "endUser": {},
    "tnFeature": {
      "callerId": { "cnamDip": "N" },
      "directoryListing": {},
      "e911": {},
      "messaging": {}
    },
    "lata": "224",
    "rateCenter": "BAYONNE",
    "locName": "BAYONNE",
    "province": "NJ",
    "tnStatus": "In Service",
    "rateCenterTier": "Tier 0",
    "countryCode": "1",
    "tnSource": "NATIVE",
    "activateDate": "2017-03-29T14:00:46.000Z",
    "activateUser": "api_user",
    "wireless": "Y",
    "dno": "Y",
    "altSpid": "0213654987"
  } ] },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
"DnF1ZXJ5VAABYdYfK5ZGWBpcVEAAACYTOWfiMGdiR1EweV92X2FYS3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCaaaaaaaAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

## Update Active Telephone Number Trunk Group

POST /tnUpdate

This operation allows you to update the trunk group of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

| Value                  | Description                                                                            | Required |
|------------------------|----------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                          | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                      | No       |
| tnList                 | Contains active telephone number(s) to update assigned trunk group                     | Yes      |
| tnItem                 | Contains active telephone number(s) to update assigned trunk group                     | Yes      |
| tn                     | Ten-digit telephone number to change trunk group (e.g. 8156680000)                     | Yes      |
| trunkGroup             | New desired trunk group to assign to the telephone number (e.g. CHCGIL24CL1_897)       | Yes*     |
| routingOption          | New desired routing option to assign to the telephone number (e.g. NTCHI-2875-DID-950) | Yes*     |

**P.S.** \* denotes either trunk group or routing option is required. If both present in the request, routing option will be applied to tn.

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:                                                | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 430 - No Result Found                                                     | String |
|            | 414 -                                                                     | String |
|            | 409 - Invalid Input Parameters:                                           | String |
|            | 408 - privateKey can not blank.                                           | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrder03",
  "tnList": {
    "tnItem": [
      {
        "tn": 3123489653,
        "routingOption": "NTCHI-2875-DID-950"
      }
    ]
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026471"
}
```

## Add, Update, or Remove Active Telephone Number Feature

**POST /tnFeatureOrder**

This operation allows you to add, update, or remove features for all TNs. This includes support for TNs purchased directly from Inteliquent as well as TNs purchased from other providers. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response. Validation for larger orders is backgrounded as documented in [Order Validation](#).

| Value                  | Description                                            | Required |
|------------------------|--------------------------------------------------------|----------|
| privateKey             | API key required to validate your application          | Yes      |
| tnFeatureOrder         | Contains order information                             | Yes      |
| customerOrderReference | Alphanumeric order reference name                      | No       |
| tnList                 | Contains requested telephone number(s)                 | Yes      |
| tnItem                 | Contains requested telephone number(s)                 | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000) | Yes      |
| endUser                | End user information for the telephone number          | No*      |
| name                   | End user name                                          | No       |
| streetNum              | End user address street number (e.g. 100, 550)         | No       |
| streetPreDir           | End user address street direction prefix (e.g. N)      | No       |
| streetName             | End user address street name                           | No       |

|                  |                                                                                                                   |     |
|------------------|-------------------------------------------------------------------------------------------------------------------|-----|
| streetType       | End user address street type (e.g. St, Ave)                                                                       | No  |
| streetPostDir    | End user address street direction ending (e.g. SW)                                                                | No  |
| locationType1    | End user address location type 1 (e.g. Bld, Apt)                                                                  | No  |
| locationValue1   | End user address location value 1 (e.g. 1, 2B)                                                                    | No  |
| locationType2    | End user address location type 2 (e.g. Flr, Ste)                                                                  | No  |
| locationValue2   | End user address location value 2 (e.g. 1, 900)                                                                   | No  |
| locationType3    | End user address location type 3 (e.g. Flr, Ste)                                                                  | No  |
| locationValue3   | End user address location value 3 (e.g. 1, 900)                                                                   | No  |
| city             | End user address city                                                                                             | No  |
| state            | End user address state                                                                                            | No  |
| postalCode       | End user address zip code                                                                                         | No  |
| typeOfService    | Acceptable values are B, Business, R and Residence)                                                               | No* |
| tnFeature        | Contains feature updates for the telephone number                                                                 | Yes |
| callerId         | Changes to caller ID (CNAM)                                                                                       | No  |
| callingName      | New or updated outbound caller ID storage name; 15 characters or fewer and should have at least 1 alpha character | No  |
| removeTnFeature  | Enter Y to remove active outbound caller ID storage (LIDB) from the telephone number                              | No  |
| cnamDip          | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                         | No  |
| directoryListing | Changes to directory listing information                                                                          | No  |
| lastName         | DL last name (if typeOfService is R) or business (if B)                                                           | No  |
| firstName        | DL last name (if typeOfService is R) or business (if B)                                                           | No  |
| streetNum        | New or updated directory listing address street number (e.g. 100, 550)                                            | No  |
| streetPreDir     | New or updated directory listing address street direction prefix (e.g. N)                                         | No  |
| streetName       | New or updated directory listing address street name                                                              | No  |
| streetType       | New or updated directory listing address street type (e.g. St, Ave)                                               | No  |
| streetPostDir    | New or updated directory listing address direction ending (e.g. SW)                                               | No  |
| location         | New or updated directory listing address location (e.g. Ste 900)                                                  | No  |
| city             | New or updated directory listing address city                                                                     | No  |
| state            | New or updated directory listing address state                                                                    | No  |
| postalCode       | New or updated directory listing address zip code                                                                 | No  |
| removeTnFeature  | Enter Y to remove directory listing from the number                                                               | No  |

|                         |                                                                                                       |    |
|-------------------------|-------------------------------------------------------------------------------------------------------|----|
| e911                    | Changes to E911 information                                                                           | No |
| name                    | New or updated E911 first and last name                                                               | No |
| origStreetNum           | New or updated E911 address street number (e.g. 100, 550)                                             | No |
| origStreetInfo          | New or updated E911 address street information (e.g. W Adams St)                                      | No |
| origLocation            | New or updated E911 address location (e.g. Suite 900)                                                 | No |
| origCity                | New or updated E911 address city                                                                      | No |
| origState               | New or updated E911 address state                                                                     | No |
| origPostalCode          | New or updated E911 address zip code                                                                  | No |
| origPostalCode PlusFour | E911 address zip code plus four                                                                       | No |
| removeTnFeature         | Enter Y to remove E911 from the number                                                                | No |
| messaging               | Changes to messaging services                                                                         | No |
| messageClass            | New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX                             | No |
| messageType             | New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT | No |
| netNumberId             | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No |
| removeTnFeature         | Enter Y to remove active text messaging services                                                      | No |

\*Type of service is automatically set to B if not sent and callingName or directoryListing are present

#### Response:

| Parameter  | Description                                                                                               | Type   |
|------------|-----------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure                              | String |
| statusCode | 200 - Success                                                                                             | String |
|            | 414 - Fields Are Required:                                                                                | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                     | String |
|            | 418 - Character limit is exceeded for:                                                                    | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, `, }, {, >, =, ], [, ! | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                      | String |
|            | 422 - Order quantity limit is 100,000 numbers.                                                            | String |
|            | 430 - No Result Found                                                                                     | String |
|            | 432 - TN Excluded                                                                                         |        |
|            | 410 - DB Error:                                                                                           |        |

**P.S.** For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnFeatureOrder": {
    "customerOrderReference": "TestOrder04",
    "tnList": {
      "tnItem": [
        {
          "tn": 3124795862,
          "endUser": {
            {
              "name": "Harry Fuzz",
              "streetNum": "123",
              "streetName": "Michigan",
              "streetType": "Ave",
              "city": "Springfield",
              "state": "IL",
              "postalCode": "62704",
              "typeOfService": "R"
            },
            "tnFeature": {
              "callerId": {
                { "callingName": "Harry Fuzz" },
              "messaging": {
                "messageClass": "P2P",
                "messageType": "SMS"
              }
            }
          },
        },
        {
          "tn": 3124795863,
          "endUser": {
            {
              "name": "Harry Fuzz",
              "streetNum": "123",
              "streetName": "Michigan",
              "streetType": "Ave",
              "city": "Springfield",
              "state": "IL",
              "postalCode": "62704"
            },
            "tnFeature": {
              "directoryListing": {
                { "removeTnFeature": "Y" }
              }
            }
          },
        }
      ]
    }
  }
}
```

## Voice Platform Script Configuration

The following API calls allow you to setup, update, remove and list Voice Platform Script settings. *Please note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

- [POST /voiceScript](#)
- [POST /voiceScriptDetail](#)

## Manage Voice Script Settings

### POST /voiceScript

This operation allows you to add, delete, enable or disable a voice script from a telephone number or a domain. *Please Note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

To remove the script from a TN or domain, please pass the removeScript element with a value of “Y” and the direction must be specified.

#### Request:

| Parameter       | Description                                                                                                                                                                                                                                | Required |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey      | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>                                                                                                         | Yes      |
| voiceScript     | List containing TN or domain information. If “removeScript” is not set (implying adding a script), only 1 domain or 1 TN must be included in the list. If “removeScript” is set to “Y”, then multiple TNs can be sent as part of the list. | Yes      |
| tn              | Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain must be specified.                                                                                                           | No       |
| domain          | Domain to which the script is to be registered. Either a TN or a domain must be specified.                                                                                                                                                 | No       |
| script          | Script that will be associated with the given tn or domain. Script must be specified if “removeScript” element is not set, implying that while adding a script to the domain or TN, script is a required element.                          | No       |
| enabled         | Boolean – either true or false to enable or disable the script for the tn or domain. Default is true.                                                                                                                                      | No       |
| customerDefault | Boolean – either true or false to enable or disable the script as the customer default. Default is false.                                                                                                                                  | No       |
| direction       | “inbound” or “outbound”. Default is inbound.                                                                                                                                                                                               | No       |
| removeScript    | If you want to remove the script associated with the given TNs, then pass this flag with a value of “Y”. If the script is being removed, then the direction must be specified.                                                             | No       |

**Response:**

| Parameter       | Description                                                                                                                           | Type                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| status          | Indicates whether the API call was successful or failure                                                                              | String               |
| statusCode      | 200: Success                                                                                                                          | String               |
|                 | 408: Private Key cannot be blank.                                                                                                     | String               |
|                 | 409: Invalid TN submitted:                                                                                                            | String               |
|                 | 410: Private Key is not valid.                                                                                                        | String               |
|                 | 414: Fields are Required:                                                                                                             | String               |
|                 | 415: Domain cannot be specified more than once                                                                                        | String               |
|                 | 416: Invalid Input Parameters:                                                                                                        | String               |
|                 | 417: No voice scripts found for requested data.                                                                                       | String               |
|                 | 421: Too Many TNs specified in the request                                                                                            | String               |
|                 | 422: Script is too large. Max limit is 42,000 characters                                                                              | String               |
|                 | 461: <Error as returned by Voice Platform>                                                                                            | String               |
|                 | 462: An Unknown error has occurred                                                                                                    | String               |
|                 | 500: Internal Error                                                                                                                   | String               |
|                 | 430 - No Result Found                                                                                                                 | String               |
| voiceScript     | List containing TN or domain information.                                                                                             | List                 |
| tn              | Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain as sent in the request. | String               |
| domain          | Domain to which the script is to be registered. Either a TN or a domain as sent in the request.                                       | String               |
| script          | Script as sent in the request.                                                                                                        | String               |
| enabled         | True or False to enable or disable a script                                                                                           | Boolean              |
| createdDate     | Date the script was created or last updated                                                                                           | ISO 8279 Date format |
| customerDefault | Boolean – either true or false to enable or disable the script as the customer default. Default is false.                             | No                   |
| direction       | “inbound” or “outbound”. Default is inbound.                                                                                          | No                   |

## Example Request 1 – Add new script to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

## Example Request 2 – Add new script to a domain:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "abc.com",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "abc.com",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

## Example Request 3 – Too many TNs addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'/><header name='X-InternalAuth' value='vp2'/><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'/><timeout
seconds='10'><onComplete><stop-play target-
group='abd'/><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    },
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'/><header name='X-InternalAuth' value='vp2'/><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'/><timeout
seconds='10'><onComplete><stop-play target-
group='abd'/><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Specified with more than 1 voice script elements
during an ADD operation",
  "statusCode": "416"
}
```

## Example Request 4 – Delete Script from multiple TN:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752629",
      "direction": "inbound"
    },
    {
      "tn": "3123752699",
      "direction": "outbound"
    }
  ],
  "removeScript": "Y"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Example Request 5 – Enable a script:

```
POST https://services.inteliquent.com/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "asdj.asdfl.oiuu.zup",
      "enabled": true
    }
  ]
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "asdj.asdfl.oiuu.zup",
        "createdDate": "2020-07-14T13:45:28.188379Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

## Example Request 6 – Disable a script:

```
POST https://services.inteliquent.com/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "asdj.asdfl.oiuu.zup",
      "enabled": false
    }
  ]
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "asdj.asdfl.oiiuu.zup",
        "createdDate": "2020-07-14T13:45:28.188379Z",
        "enabled": false,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

## List Voice Script Settings

POST /voiceScriptDetail

This operation allows you to retrieve the current voice scripts associated with a given TN or domain.

### Request:

| Parameter   | Description                                                                                                                           | Required |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey  | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>    | Yes      |
| voiceScript | List containing TN or domain information:<br>only 1 domain can be sent, but if TN then, multiple TNs can be sent as part of the list. | Yes      |
| tn          | Ten-digit telephone number to which the script is to be registered (e.g. 8156680000).                                                 | No       |
| domain      | Domain to which the script is to be registered.                                                                                       | No       |
| scriptType  | "NUMBER" or "DOMAIN". To do a blanket search for all "TN" or all domains search, this parameter must be specified                     | No       |
| Direction   | "inbound" or "outbound". If no direction is specified, then both directions are included in the search.                               | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200: Success                                                              | String |
|            | 408: Private Key cannot be blank.                                         | String |

|             |                                                                                                                                       |                      |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|             | 409: Invalid TN submitted:                                                                                                            | String               |
|             | 410: Private Key is not valid.                                                                                                        | String               |
|             | 414: Fields are Required:                                                                                                             | String               |
|             | 415: Domain cannot be specified more than once                                                                                        | String               |
|             | 416: Invalid Input Parameters:                                                                                                        | String               |
|             | 417: No voice scripts found for requested data.                                                                                       | String               |
|             | 421: Too Many TNs specified in the request                                                                                            | String               |
|             | 422: Script is too large. Max limit is 42,000 characters                                                                              | String               |
|             | 461: <Error as returned from Voice Platform>                                                                                          | String               |
|             | 462: An Unknown error has occurred                                                                                                    | String               |
|             | 500: Internal Error                                                                                                                   | String               |
|             | 430 - No Result Found                                                                                                                 | String               |
| status      | Indicates whether the API call was successful or failure                                                                              | String               |
| voiceScript | List containing TN or domain information.                                                                                             | List                 |
| tn          | Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain as sent in the request. | String               |
| domain      | Domain to which the script is to be registered. Either a TN or a domain as sent in the request.                                       | String               |
| script      | Script as sent in the request.                                                                                                        | String               |
| enabled     | True or False to enable or disable a script                                                                                           | Boolean              |
| createdDate | Date the script was created or last updated                                                                                           | ISO 8279 Date format |

#### Example Request 1 – Retrieve Script settings:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScriptDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699"
    }
  ]
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head></body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'/><header name='X-InternalAuth' value='vp2'/><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'/><timeout
seconds='10'><onComplete><stop-play target-
group='abd'/><hangup></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

### Example Request 2 – Retrieve all TNs Script settings:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScriptDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "scriptType": "NUMBER"
    }
  ]
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head></body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'/><header name='X-InternalAuth' value='vp2'/><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'/><timeout
seconds='10'><onComplete><stop-play target-
group='abd'/><hangup></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

```

    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026472"
}

```

## Update Port-Out PIN for Active Telephone Number

POST /portOutPinUpdate

This operation allows you to add a PIN for onnet (Tier 0 & HI) port-out protection on your company's In-Service telephone numbers in Inteliquent inventory. Telephone numbers without port-out PINs may be protected by a company-level port-out PIN if one exists, which can be set using the [/accountDefault](#) API operation.

| Value      | Description                                             | Required |
|------------|---------------------------------------------------------|----------|
| privateKey | API key required to validate your application           | Yes      |
| portOutPin | Contains tnList                                         | Yes      |
| tnList     | Contains active telephone number(s) to add PIN(s)       | Yes      |
| tnItem     | Contains active telephone number(s) to add PIN(s)       | Yes      |
| tn         | Ten-digit telephone number to add PIN (e.g. 8156680000) | Yes      |
| portOutPin | PIN for onnet port-out protection (Tier 0 & HI)         | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200: Success                                                              | String |
|            | 408 - tnMask can not be blank.                                            | String |
|            | 408 - privateKey can not be blank.                                        | String |
|            | 414 - Fields Are Required:                                                | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 418 - Character limit is exceeded for:                                    | String |
|            | 430 - No Result Found                                                     | String |
|            | 420 - Voice Platform is not enabled                                       | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portOutPinUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portOutPin": {
    "tnList": {
      "tnItem": [
        {
          "tn": 3123489652,
          "portOutPin": "New PIN 9652"
        },
        {
          "tn": 3123489651,
          "portOutPin": "SecretPIN"
        }
      ]
    }
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Update Note for Active Telephone Number

POST /tnNoteUpdate

This operation allows you to add a note on your company's In Service telephone or toll-free numbers in Inteliquent inventory. Notes are searchable and returned in the [/tnDetail](#) API.

| Value      | Description                                              | Required |
|------------|----------------------------------------------------------|----------|
| privateKey | API key required to validate your application            | Yes      |
| tnNote     | Contains tnList                                          | Yes      |
| tnList     | Contains active telephone number(s) to add note(s)       | Yes      |
| tnItem     | Contains active telephone number(s) to add note(s)       | Yes      |
| tn         | Ten-digit telephone number to add note (e.g. 8156680000) | Yes      |
| tnNote     | Note text to apply to the number                         | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200: Success                                                              | String |

|                                                                          |        |
|--------------------------------------------------------------------------|--------|
| 430 - No Result Found                                                    | String |
| 408 - privateKey can not blank.                                          | String |
| 414 - Fields Are Required:                                               | String |
| 409 - Invalid TN submitted:(Tn List)                                     | String |
| 414 –                                                                    | String |
| 416 - Invalid Input Parameters:                                          | String |
| 410 - DB Error:                                                          | String |
| 411 - Unknown Error                                                      | String |
| 431 - Unable to complete the request at the moment,<br>please try again. | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnNoteUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnNote": {
    "tnList": {
      "tnItem": [
        {
          "tn": 3123489652,
          "tnNote": "Subaccount A"
        },
        {
          "tn": 3123489651,
          "tnNote": "Subaccount B"
        }
      ]
    }
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Disconnect Active Telephone Number

### POST /tnDisconnect

This operation allows you to disconnect active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

| Value                  | Description                                                | Required |
|------------------------|------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application              | Yes      |
| customerOrderReference | Alphanumeric order reference name                          | No       |
| tnList                 | Contains active telephone number(s) to disconnect          | Yes      |
| tnItem                 | Contains active telephone number(s) to disconnect          | Yes      |
| tn                     | Ten-digit telephone number to disconnect (e.g. 8156680000) | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200: Success                                                              | String |
|            | 430 - No Result Found                                                     | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 414 - Fields Are Required:                                                | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 414 –                                                                     | String |
|            | 416 - Invalid Input Parameters:                                           | String |
|            | 410 - DB Error:                                                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDisconnect HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrder05",
  "tnList": {
    "tnItem": [
      { "tn": 3123489654 },
      { "tn": 3123489655 }
    ]
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026473"
}
```

## List of TNs Pending Disconnection

POST /tnPendingDisconnectList

This operation allows you to retrieve the list of TNs that have been disconnected in the past 60 days.

| Value      | Description                                                                               | Required |
|------------|-------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                             | Yes      |
| tnMask     | Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx) | Yes*     |

### Response:

| Parameter             | Description                                                                  | Type   |
|-----------------------|------------------------------------------------------------------------------|--------|
| status                | Indicates whether the API call was successful. Values: Success or Failure    | String |
| statusCode            | 200 - Success                                                                | String |
|                       | 414 - Fields Are Required:<name Of Field>                                    | String |
|                       | 431 - Unable to complete the request at the moment, please try again         | String |
|                       | 408 - privateKey can not blank.                                              | String |
|                       | 430 - No Result Found                                                        | String |
| status                | Indicates whether the API call was successful or failure                     | String |
| tnList                | Tn List containing all tns that are pending disconnection                    | List   |
| tnItem                | Encompassing tn element                                                      | Object |
| tn                    | Ten-digit telephone number which is pending disconnection (e.g. 8156680000). | String |
| restoreExpirationDate | Date when the TN will no longer be available for restoration                 | Date   |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnPendingDisconnectList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "206XXXXXX"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": "2062794016",
```

```

    "restoreExpirationDate": "2021-05-22"
  }
}
}

```

## Restore Disconnected Telephone Numbers

POST /tnRestore

This operation allows you to restore TNs that are pending disconnection and reactivate those TNs within 60 days. Please note: as part of the tnRestore, all additional information around trunkgroups, features etc. has to be included as part of the request. Previous values are not restored.

| Value                  | Description                                                                            | Required |
|------------------------|----------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                          | Yes      |
| tnRestore              | Contains order information                                                             | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                      | No       |
| tnList                 | Contains requested telephone number(s)                                                 | Yes      |
| tnItem                 | Contains requested telephone number(s)                                                 | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000)                                 | Yes      |
| trunkGroup             | Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897)    | No       |
| routingOption          | Desired routing Option to assign the requested telephone number (e.g. CHCGIL24CL1_897) | No       |
| portOutPin             | PIN for onnet port-out protection (Tier 0 & HI)                                        | No       |
| tnNote                 | Optional note value to be stored on the number                                         | No       |
| endUser                | End user information for the telephone number                                          | No*      |
| name                   | End user's name                                                                        | No       |
| streetNum              | End user address street number (e.g. 100, 550)                                         | No       |
| streetPreDir           | End user address street direction prefix (e.g. N)                                      | No       |
| streetName             | End user address street name                                                           | No       |
| streetType             | End user address street type (e.g. St, Ave)                                            | No       |
| streetPostDir          | End user address street direction ending (e.g. SW)                                     | No       |
| locationType1          | End user address location type 1 (e.g. Bld, Apt)                                       | No       |
| locationValue1         | End user address location value 1 (e.g. 1, 2B)                                         | No       |
| locationType2          | End user address location type 2 (e.g. Flr, Ste)                                       | No       |
| locationValue2         | End user address location value 2 (e.g. 1, 900)                                        | No       |
| locationType3          | End user address location type 3 (e.g. Flr, Ste)                                       | No       |
| locationValue3         | End user address location value 3 (e.g. 1, 900)                                        | No       |
| city                   | End user address city                                                                  | No       |
| state                  | End user address state                                                                 | No       |

|               |                                                    |     |
|---------------|----------------------------------------------------|-----|
| postalCode    | End user address zip code                          | No  |
| typeOfService | Acceptable values are B, Business, R and Residence | No* |

\* Type of service is automatically set to B if not sent and callingName or directoryListing are present

|                        |                                                                                                                            |        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|--------|
| tnFeature              | Contains features associated to the telephone number                                                                       | No     |
| callerId               | Caller ID name (CNAM) for the telephone number                                                                             | No     |
| callingName            | Caller display name for outbound / LIDB storage; must be 15 characters or fewer and should have at least 1 alpha character | No     |
| cnamDip                | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                                  | No**   |
| directoryListing       | Directory listing information for the telephone number                                                                     | No     |
| lastName               | Directory listing last name (if typeOfService is R) or business name (if typeOfService is B)                               | No     |
| firstName              | Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B)            | No     |
| streetNum              | Directory listing address street number (e.g. 100, 550)                                                                    | No     |
| streetPreDir           | Directory listing address street direction prefix (e.g. N)                                                                 | No     |
| streetName             | Directory listing address street name                                                                                      | No     |
| streetType             | Directory listing address street type (e.g. St, Ave)                                                                       | No     |
| streetPostDir          | Directory listing address direction ending (e.g. SW)                                                                       | No     |
| location               | Directory listing address location (e.g. Ste 900)                                                                          | No     |
| city                   | Directory listing address city                                                                                             | No     |
| state                  | Directory listing address state                                                                                            | No     |
| postalCode             | Directory listing address zip code                                                                                         | No     |
| e911                   | E911 information for the telephone number                                                                                  | No     |
| name                   | E911 first and last name                                                                                                   | No***  |
| origStreetNum          | E911 address street number (e.g. 100, 550)                                                                                 | No***  |
| origStreetInfo         | E911 address street information (e.g. W Adams St)                                                                          | No***  |
| origLocation           | E911 address location (e.g. Suite 900)                                                                                     | No     |
| origCity               | E911 address city                                                                                                          | No***  |
| origState              | E911 address state                                                                                                         | No***  |
| origPostalCode         | E911 address zip code                                                                                                      | No***  |
| origPostalCodePlusFour | E911 address zip code plus four                                                                                            | No     |
| messaging              | Text messaging services for the telephone number                                                                           | No     |
| messageClass           | Acceptable values are P2P, A2PLC, and A2P8XX                                                                               | No**** |
| messageType            | Acceptable values are SMS, MMS, SMSMMS,                                                                                    | No**** |

|             |                                                                                                       |    |
|-------------|-------------------------------------------------------------------------------------------------------|----|
|             | SMS_ALT, MMS_ALT and SMSMMS_ALT                                                                       |    |
| netNumberId | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:<name Of Field>                                 | String |
|            | 431 - Unable to complete the request at the moment, please try again      | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 430 - No Result Found                                                     | String |
|            | 412 - Invalid trunk group submitted for:                                  | String |

\*\*Will be set to value stored in [accountDefaultDetail](#) if not sent

\*\*\*Required if tnFeature contains e911

\*\*\*\*Required if tnFeature contains messaging

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnRestore HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnOrder": {
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "trunkGroup": "CHCGIL24CL1_897",
          "routingOption": "CHCGIL24CL2_897",
          "endUser": {
            {
              "name": "Hope Trope",
              "typeOfService": "R"
            },
            "tnFeature": {
              "callerId": {
                "cnamDip": "Y"
              },
              "messaging": {
                "messageClass": "P2P",
                "messageType": "SMS"
              }
            }
          },
          {
            "tn": 6123453623,
            "trunkGroup": "CHCGIL24CL1_897",
            "portOutPin": "Test 3623",
            "tnFeature": {
              "callerId": {
```

```

        "cnamDip": "N"
      }
    }, {
      "tn": 6123453624,
      "trunkGroup": "CHCGIL24CL1_897",
      "routingOption": "CHCGIL24CL2_897",
      "portOutPin": "Test 3624"
    }
  ]
}
}
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "{2=[6123453624 TN is on an existing order]}",
  "statusCode": "200",
  "orderId": "null"
}

```

The response indicates that numbers 6123453622 and 6123453623 were synchronously activated to the account, but 6123453624 was excluded from activation for the provided reason.

An `orderId` will only be returned for `tnOrder` requests containing more than 100 telephone numbers, or containing `callingName`, `directoryListing`, `e911`, or `messaging`. Smaller requests without features will be completed synchronously with a null order number returned in the response.

## Call Forwarding

The following API calls allow you to setup, update, remove, and list call forwarding settings. *Please note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

- [POST /tnForward](#)
- [POST /tfForward](#)
- [POST /tnForwardList](#)
- [POST /tfForwardList](#)

## Manage Phone Number Call Forwarding Settings

### POST /tnForward

This operation allows you to add, delete, enable or disable a call forwarding from a telephone number to another.

To remove call forwarding from a TN, please pass the `removeForwardTo` element with a value of "Y".

#### Request:

| Parameter               | Description                                                                                                                        | Required |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| <code>privateKey</code> | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

|                        |                                                                                                                                                                        |     |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>tnForward</b>       | Encompassing forwarding request.                                                                                                                                       | Yes |
| customerOrderReference | Customer's order reference                                                                                                                                             | No  |
| tnList                 | Tn List containing all tns whose forwarding needs updated.                                                                                                             | Yes |
| tnItem                 | Encompassing tn element                                                                                                                                                | Yes |
| tn                     | Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000).                                                                              | Yes |
| forwardTo              | Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified.                   | No  |
| removeForwardTo        | If you want to remove the forwarding associated with the given TN, then pass this flag with a value of "Y". Either ForwardTo or removeForwardTo needs to be specified. | No  |

**Response:**

| Parameter  | Description                                                                                                  | Type   |
|------------|--------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful or failure                                                     | String |
| statusCode | 200 - Success                                                                                                | String |
|            | 414 - Fields Are Required:<name Of Field>                                                                    | String |
|            | 431 - Unable to complete the request at the moment, please try again                                         | String |
|            | 408 - privateKey can not blank.                                                                              | String |
|            | 430 - No Result Found                                                                                        | String |
|            | 414 -                                                                                                        | String |
|            | 418 - Character limit is exceeded for:                                                                       | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , > , = , ] , [ , ! | String |
|            | 422 - Order quantity limit is 100,000 numbers.                                                               | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                         | String |
|            | 409 - Invalid ForwardTo submitted:                                                                           | String |
|            | 426 - Call Forwarding is not enabled for the Account.                                                        | String |
|            | 432 - TN Excluded                                                                                            | String |
|            | 425 - Partial Success                                                                                        | String |
| orderId    | OrderId for the given tn forwarding order                                                                    | String |

## Example Request 1 – Add new forwarding to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForward HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "2012040514",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1519788
}
```

## Example Request 2 – Invalid TN:

```
POST https://services.inteliquent.com/PSAP/1.0.0/properties/coordinates HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "20120405141",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid TN submitted:[20873619391]",
  "statusCode": "409"
}
```

## Manage Toll-free Phone Number Call Forwarding Settings

POST /tfForward

This operation allows you to add, delete, enable or disable a call forwarding from a tollfree telephone number to another.

To remove call forwarding from a TN, please pass the `removeForwardTo` element with a value of "Y".

### Request:

| Parameter              | Description                                                                                                                                                            | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>                                     | Yes      |
| tfForward              | Encompassing forwarding request.                                                                                                                                       | Yes      |
| customerOrderReference | Customer's order reference                                                                                                                                             | No       |
| tnList                 | Tn List containing all tns whose forwarding needs updated.                                                                                                             | Yes      |
| tnItem                 | Encompassing tn element                                                                                                                                                | Yes      |
| tn                     | Ten-digit tollfree telephone number to which the forwarding needs to be applied (e.g. 8156680000).                                                                     | Yes      |
| forwardTo              | Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo OR removeForwardTo needs to be specified.                   | No       |
| removeForwardTo        | If you want to remove the forwarding associated with the given TN, then pass this flag with a value of "Y". Either ForwardTo OR removeForwardTo needs to be specified. | No       |

### Response:

| Parameter  | Description                                                                                                      | Type   |
|------------|------------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful or failure                                                         | String |
| statusCode | 200 - Success                                                                                                    | String |
|            | 414 - Fields Are Required:<name Of Field>                                                                        | String |
|            | 431 - Unable to complete the request at the moment, please try again                                             | String |
|            | 408 - privateKey can not blank.                                                                                  | String |
|            | 430 - No Result Found                                                                                            | String |
|            | 414 -                                                                                                            | String |
|            | 418 - Character limit is exceeded for:                                                                           | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = , ] , [ , ! | String |
|            | 422 - Order quantity limit is 100,000 numbers.                                                                   | String |

|         |                                                       |        |
|---------|-------------------------------------------------------|--------|
|         | 409 - Invalid TN submitted:(Tn List)                  | String |
|         | 409 - Invalid ForwardTo submitted:                    | String |
|         | 426 - Call Forwarding is not enabled for the Account. | String |
|         | 432 - TN Excluded                                     | String |
|         | 425 - Partial Success                                 | String |
| orderId | OrderId for the given tn forwarding order             | String |

#### Example Request 1 – Add new forwarding to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForward HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "8001231234",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1519788
}
```

#### Example Request 2 – Invalid TN:

```
POST https://services.inteliquent.com/PSAP/1.0.0/properties/coordinates HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "80012312344",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid TN submitted:[80012312344]",
  "statusCode": "409"
}
```

## Phone Number Call Forwarding Listing

POST /tnForwardList

This operation allows you to retrieve a list of TNs that have forwarding enabled for a given company based on the private key of the company.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Type   |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| statusCode    | 200 - Success<br>414 - Fields Are Required:<name Of Field><br>431 - Unable to complete the request at the moment, please try again<br>408 - privateKey cannot blank.<br>430 - No Result Found<br>418 - Character limit is exceeded for:<br>409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , }, {, >, =, ], [, !<br>422 - Order quantity limit is 100,000 numbers.<br>409 - Invalid TN submitted:(Tn List)<br>409 - Invalid ForwardTo submitted:<br>426 - Call Forwarding is not enabled for the Account.<br>432 - TN Excluded<br>425 - Partial Success | String |
| status        | Indicates whether the API call was successful or failure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | String |
| tnForwardList | Array of tnItems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |
| tn            | Ten-digit tollfree telephone number to which the forwarding is applied (e.g. 8156680000).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | String |
| forwardTo     | Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified.                                                                                                                                                                                                                                                                                                                                                                                                                                         | String |

#### Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForwardList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

#### Example Response:

```
{
  "statusCode": "200",
  "tnForwardList": [
    {
      "tn": "2087361939",
      "forwardTo": "3123752629"
    }
  ]
}
```

## Toll-free Number Call Forwarding Listing

POST /tfForwardList

This operation allows you to retrieve a list of tollfree TNs that have forwarding enabled for a given company based on the private key of the company.

#### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

#### Response:

| Parameter     | Description                                                                                                                                                                                                                                                                                   | Type                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| statusCode    | 200 - Success<br>414 - Fields Are Required:<name Of Field><br>431 - Unable to complete the request at the moment, please try again<br>408 - privateKey can not blank.<br>430 - No Result Found<br>409 - Invalid ForwardTo submitted:<br>426 - Call Forwarding is not enabled for the Account. | String<br>String<br>String<br>String<br>String<br>String<br>String |
| status        | Indicates whether the API call was successful or failure                                                                                                                                                                                                                                      | String                                                             |
| tfForwardList | Array of tnItems                                                                                                                                                                                                                                                                              |                                                                    |
| tn            | Ten-digit tollfree telephone number to which the forwarding is applied (e.g. 8156680000).                                                                                                                                                                                                     | String                                                             |

**forwardTo** Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified. String

#### Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/tfForwardList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

#### Example Response:

```
{
  "statusCode": "200",
  "tfForwardList": [
    {
      "tn": "8001231234",
      "forwardTo": "3123752629"
    }
  ]
}
```

## Provision E911

**POST /tnE911**

This operation allows you to provision E911 after validating an address for specified Telephone Number. This api allows 911 operations (add, update, remove) synchronously for single TN. The provisioned address will be returned in the response with appropriate provisionMsg and provisionResult.

| Parameter              | Description                                                                                                        | Required |
|------------------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 3123488246)                                                             | Yes      |
| name                   | E911 first and last name                                                                                           | Yes      |
| streetNum              | E911 address street number (e.g. 100, 550)                                                                         | Yes      |
| streetInfo             | E911 address street information (e.g. W Adams St)                                                                  | Yes      |
| location               | E911 address location (e.g. Suite 900)                                                                             | No       |
| city                   | E911 address city                                                                                                  | Yes      |
| state                  | E911 address state                                                                                                 | Yes      |
| postalCode             | E911 address zip code                                                                                              | Yes      |
| postalCode<br>PlusFour | E911 address zip code plus four                                                                                    | No       |
| removeE911             | To remove E911                                                                                                     | No*      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:<name Of Field>                                 | String |
|            | 431 - Unable to complete the request at the moment, please try again      | String |
|            | 408 - privateKey cannot be blank.                                         | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 Invalid Address                                                       | String |
|            | 414 - TN is Invalid                                                       | String |
|            | 409 Invalid Input Parameters:(Input Fields)                               | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - (Different Errors)                                                  | String |

**Note:** 1) To remove E911 “removeE911” flag is required and should be sent as “Y”.

2) For “name” & “location” parameters all printable ASCII characters are allowed.

**Example Request (Valid):**

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488244",
  "name": "James Holden",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "postalCodePlusFour": "3665"}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": {
    "tn": "3123488244",
    "name": "James Holden",
    "origStreetNum": "550",
    "origStreetInfo": "W Adams St",
    "origLocation": "9th floor",
    "origCity": "Chicago",
    "origState": "IL",
```

```
"origPostalCode": "60661",
"origPostalCodePlusFour": "3665",
"provisionMsg": "VALID",
"provisionResult": 0,
"provisionedStreetNum": "550",
"provisionedStreetInfo": "W Adams St",
"provisionedLocation": "9th floor",
"provisionedCity": "Chicago",
"provisionedState": "IL",
"provisionedPostalCode": "60661",
"provisionedPostalCodePlusFour": "3665"
}
}
```

#### Example Request (Corrected Address):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488244",
  "name": "James Holden",
  "streetNum": "550",
  "streetInfo": "Adams",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "postalCodePlusFour": "3665"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": {
    "tn": "3123488244",
    "name": "James Holden",
    "origStreetNum": "550",
    "origStreetInfo": "Adams",
    "origLocation": "9th floor",
    "origCity": "Chicago",
    "origState": "IL",
    "origPostalCode": "60661",
    "origPostalCodePlusFour": "3665",
    "provisionMsg": "CORRECTED",
    "provisionResult": 1,
    "provisionedStreetNum": "550",
    "provisionedStreetInfo": "W Adams St",
    "provisionedLocation": "9th floor",
    "provisionedCity": "Chicago",
    "provisionedState": "IL",
    "provisionedPostalCode": "60661",
    "provisionedPostalCodePlusFour": "3665"
  }
}
```

## Example Request (Delete):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488244",
  "removeE911": "Y"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": { }
}
```

## Example Request (Invalid Address):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488244",
  "name": "James Holden",
  "streetNum": "55012345",
  "streetInfo": "Adams",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60601",
  "postalCodePlusFour": ""
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Address",
  "statusCode": "409",
  "tnE911Response": {
    "provisionMsg": "3123488244 Invalid address, 3123488244 Validation result: 2 Message: Invalid address - no correction found",
    "provisionResult": 2
  }
}
```

## Example Request (Bad):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tN": "3123488244",
  "name1": "James Holden",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "location": "9th floor",
  "city": "Chicago",
}
```

```
"state": "IL",
"postalCode": "60661",
"postalCodePlusFour": "3665"}
```

Example Response:

```
HTTP/1.1 200 OK
{ "status": "Request format not recognized (Unrecognized fields in json)",
  "statusCode": "400" }
```

## Validate E911

POST /tnE911Validate

This operation allows you to validate E911 Order fields (including the TN or TFN, name, location, etc.). Validates the E911 Address. Validates required fields, field lengths, etc. The corrected address will be returned in the response only if the validationMsg is returned as Corrected to Valid Address. In case if address is not close enough to find match, candidate addresses can be returned.

| Parameter  | Description                                                                                                        | Required |
|------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| tn         | Ten-digit telephone number requested (e.g. 3123488246 or 8334472663)                                               | Yes      |
| name       | E911 first and last name                                                                                           | Yes      |
| streetNum  | E911 address street number (e.g. 100, 550)                                                                         | Yes      |
| streetInfo | E911 address street information (e.g. W Adams St)                                                                  | Yes      |
| location   | E911 address location (e.g. Suite 900)                                                                             | No       |
| city       | E911 address city                                                                                                  | Yes      |
| state      | E911 address state                                                                                                 | Yes      |
| postalCode | E911 address zip code                                                                                              | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Success                                                             | String |
|            | 414 - Fields Are Required:<name Of Field>                                 | String |
|            | 431 - Unable to complete the request at the moment, please try again      | String |
|            | 408 - privateKey can not blank.                                           | String |
|            | 414 - (Different Errors)                                                  | String |
|            | 409 Invalid Input Parameters:(Input Fields)                               | String |

411 - Unknown Error

String

## Validate Results

- validationResult = 0, the address is perfect as sent
- validationResult = 1, the result was a close enough match and has been corrected
- validationResult = 2, the result is not close enough

**P.S.** For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams St",
    "location": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "validationResult": 0,
    "validationMsg": "Valid address",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

Example Request (Corrected):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661"
}
```

```
"streetInfo": "W Adams",
"city": "Chicago",
"state": "IL",
"postalCode": "60601"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60601",
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

#### Example Request (In Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "318",
  "streetInfo": "28th",
  "city": "Tucson",
  "state": "AZ",
  "postalCode": "85713"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "318",
    "streetInfo": "28th",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
  }
}
```

```
"validationResult": 2,
"validationMsg": " Invalid address - no correction found|Multiple addresses found (may be
missing pre-directional)",
"candidateAddressList":[
  {
    "streetNum": "318",
    "streetInfo": "W 28th St",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
    "postalCodePlusFour": "2848",
    "country": "USA"
  },
  {
    "streetNum": "318",
    "streetInfo": "E 28th St",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
    "postalCodePlusFour": "2942",
    "country": "USA"
  }
]
}
```

#### Example Request – Toll-free (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "8334472663",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "8334472663",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams St",
    "location": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "validationResult": 0,
    "validationMsg": "Valid address",
    "correctedStreetNum": "550",
  }
}
```

```
"correctedStreetInfo": "W Adams St",
"correctedCity": "Chicago",
"correctedState": "IL",
"correctedPostalCode": "60661"
}
```

#### Example Request – Toll-free (Corrected):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "8334472663",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60601"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "8334472663",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60601",
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

## Manage E911 Notification Settings

### POST /tnE911Notification

This operation allows you to create, update, remove email addresses associated with a given TN for E911 Notifications.

To set up emails for notification, pass in the email list element with multiple email addresses. The new list will add to prior email addresses on the TN.

To de-register email addresses for notification, please pass the removeNotification element with a value of “Y” and pass in the emailList element with a list of email addresses to be removed.

#### Request:

| Parameter          | Description                                                                                                                         | Required |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey         | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>  | Yes      |
| tnE911Notification | Contains TN information                                                                                                             | Yes      |
| tn                 | Ten-digit telephone number to which notification email is to be registered (e.g. 8156680000)                                        | Yes      |
| emailList          | Contains email list.                                                                                                                | Yes      |
| emailItem          | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.          | Yes      |
| email              | Email addresses to be set for the TN for notifications. Must be a fully qualified email address.                                    | Yes      |
| removeNotification | If you want to remove email addresses from the given TN, then pass this flag with a value of “Y” along with the email address list. | No       |

#### Response:

| Parameter          | Description                                                                                      | Type   |
|--------------------|--------------------------------------------------------------------------------------------------|--------|
| status             | Indicates whether the API call was successful or failure                                         | String |
| statusCode         | 200 - Success                                                                                    | String |
|                    | 414 - Fields Are Required:<name Of Field>                                                        | String |
|                    | 431 - Unable to complete the request at the moment, please try again                             | String |
|                    | 408 - privateKey can not blank.                                                                  | String |
|                    | 414 - (Different Errors)                                                                         | String |
|                    | 409 Invalid Input Parameters:(Input Fields)                                                      | String |
|                    | 411 - Unknown Error                                                                              | String |
|                    | 409 Invalid TN submitted:                                                                        | String |
|                    | 401 Unauthorized                                                                                 | String |
|                    | 464 (Generic Error)                                                                              | String |
|                    | 400 Unable to add more than 10 notification emails to number                                     | String |
|                    | 462 Unable to process the request at the moment                                                  | String |
|                    | 461 TN {0} Not found for the account                                                             | String |
| tnE911Notification | List of email addresses currently associated with the TN (included on successful responses only) | Yes*   |

|           |                                                                                                                            |     |
|-----------|----------------------------------------------------------------------------------------------------------------------------|-----|
| tn        | Ten-digit telephone number from the request                                                                                | Yes |
| emailList | Contains email list. – This element may not be set if there are no notification emails setup for a given tn.               | No  |
| emailItem | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses. | Yes |
| email     | Email address set for the TN for notifications.                                                                            | Yes |

#### Example Request 1 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": " abc123@def.com "
        },
        {
          "email": " abc234@def.com "
        }
      ]
    }
  }
}
```

## Example Request 2 – Too many email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "123@def.com"
        },
        {
          "email": "234@def.com"
        },
        {
          "email": "2345@def.com"
        },
        {
          "email": "2345@def.com"
        },
        {
          "email": "1234@def.com"
        },
        {
          "email": "asda@def.com"
        },
        {
          "email": "asdf@def.com"
        },
        {
          "email": "adsf@def.com"
        },
        {
          "email": "zxczxc@def.com"
        },
        {
          "email": "asdfqwer@def.com"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "460",
  "status": "Unable to add more than 10 notification emails to a number."
}
```

## Example Request 3 – TN not found on the account:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
```

## Example Request 4 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "qwerty@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification ": {
```

```
"tn":"2015540010",
"emailList":{
  "emailItem":[
    {
      "email":" abc123@def.com "
    },
    {
      "email":" abc234@def.com "
    },
    {
      "email":"qwerty@def.com"
    },
    {
      "email":"asdfgh@def.com"
    }
  ]
}
}
```

#### Example Request 5 – Remove notification email address:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification":{
    "tn":"2015540010",
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
  "removeNotification":"Y"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "tnE911Notification":{
    "tn":"2015540010",
    "emailList":{
      "emailItem":[
        {
          "email":" abc123@def.com "
        },
        {
          "email":" abc234@def.com "
        }
      ]
    }
  }
}
```

```

    }
  }
}

```

## List E911 Notification Settings

POST /tnE911NotificationList

This operation allows you to retrieve the current email addresses associated with a given TN for E911 Notifications.

### Request:

| Parameter          | Description                                                                                                                        | Required |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey         | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnE911Notification | Contains TN for which the notifications need to be retrieved                                                                       | Yes      |
| tn                 | Ten-digit telephone number to retrieve settings for (e.g. 8156680000)                                                              | Yes      |

### Response:

| Parameter          | Description                                                                                      | Type   |
|--------------------|--------------------------------------------------------------------------------------------------|--------|
| statusCode         | 200 - Success                                                                                    | String |
|                    | 414 - Fields Are Required:<name Of Field>                                                        | String |
|                    | 431 - Unable to complete the request at the moment, please try again                             | String |
|                    | 408 - privateKey can not blank.                                                                  | String |
|                    | 409 Invalid Input Parameters:(Input Fields)                                                      | String |
|                    | 409 Invalid TN submitted:                                                                        | String |
|                    | 401 Unauthorized                                                                                 | String |
|                    | 464 (Generic Error)                                                                              | String |
|                    | 400 Unable to add more than 10 notification emails to number                                     | String |
|                    | 462 Unable to process the request at the moment                                                  | String |
|                    | 461 TN {0} Not found for the account                                                             | String |
| status             | Indicates whether the API call was successful or failure                                         | String |
| tnE911Notification | List of email addresses currently associated with the TN (included on successful responses only) | Yes*   |
| tn                 | Ten-digit telephone number to retrieve settings for (e.g. 8156680000)                            | Yes    |
| emailList          | Contains email list. – This element may not be set if                                            | No     |

|           |                                                                                                                            |     |
|-----------|----------------------------------------------------------------------------------------------------------------------------|-----|
|           | there are no notification emails setup for a given tn.                                                                     |     |
| emailItem | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses. | Yes |
| email     | Email address set for the TN for notifications.                                                                            | Yes |

#### Example Request 1 – Retrieve TN Notification Settings:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification":{
    "tn":"3123489651"
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "tnE911Notification":{
    "tn":"3123489651",
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty1234@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
}
```

#### Example Request 2 – TN without notification emails:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification":{
    "tn":"3123489651"
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "tnE911Notification":{
```

```
"tn": "3123489651"
}
```

Example Request 3 – TN Not found:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "3123489651"
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
```

## Manage Unprovisioned E911 Notification Settings

**POST /customerE911Notification**

This operation allows you to create, update, remove email addresses to receive unprovisioned E911 Notification alerts.

To set up emails for notification, pass in the email list element with multiple email addresses. The new list will add to prior email addresses on the TN.

To de-register email addresses for notification, please pass the removeNotification element with a value of “Y” and pass in the emailList element with a list of email addresses to be removed.

### Request:

| Parameter            | Description                                                                                                                        | Required |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey           | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| customerNotification | Contains emails to be configured at the customer level                                                                             | Yes      |
| emailList            | Contains email list.                                                                                                               | Yes      |
| emailItem            | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.         | Yes      |
| email                | Email addresses to be set for the customer for notifications. Must be a fully qualified email address.                             | Yes      |
| removeNotification   | If you want to remove email addresses for the                                                                                      | No       |

customer, then pass this flag with a value of “Y” along with the email address list.

#### Response:

| Parameter            | Description                                                                                                                | Type   |
|----------------------|----------------------------------------------------------------------------------------------------------------------------|--------|
| statusCode           | 200 - Success                                                                                                              | String |
|                      | 414 - Fields Are Required:<name Of Field>                                                                                  | String |
|                      | 431 - Unable to complete the request at the moment, please try again                                                       | String |
|                      | 408 - privateKey can not blank.                                                                                            | String |
|                      | 460 EmailItem exceeded {0} notification emails                                                                             | String |
|                      | 401 Unauthorized                                                                                                           | String |
| status               | Indicates whether the API call was successful or failure                                                                   | String |
| customerNotification | Contains emails to be configured at the customer level (included on successful responses only)                             | Yes*   |
| emaillist            | Contains email list. – This element may not be set if there are no notification emails setup for a given tn.               | No     |
| emailItem            | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses. | Yes    |
| email                | Email address set for the customer for notifications.                                                                      | Yes    |

#### Example Request 1 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification":{
    "emaillist":{
      "emailItem":[
        {
          "email":"abc123@def.com"
        },
        {
          "email":"abc234@def.com"
        }
      ]
    }
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
```

```
"emailList":{
  "emailItem":[
    {
      "email":" abc123@def.com "
    },
    {
      "email":" abc234@def.com "
    }
  ]
}
```

#### Example Request 2 – Too many email addresses:

POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12

```
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":"abc123@def.com"
        },
        {
          "email":"123@def.com"
        },
        {
          "email":"234@def.com"
        },
        {
          "email":"2345@def.com"
        },
        {
          "email":"2345@def.com"
        },
        {
          "email":"1234@def.com"
        },
        {
          "email":"asda@def.com"
        },
        {
          "email":"asdf@def.com"
        },
        {
          "email":"adsf@def.com"
        },
        {
          "email":"zxczxc@def.com"
        },
        {
          "email":"asdfqwer@def.com"
        }
      ]
    }
  }
}
```

```
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode": "460",
  "status": "Unable to add more than 10 notification emails to a number."
}
```

**Example Request 3 – TN not found on the account:**

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification": {
    "emaillist": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
```

**Example Request 4 – Add new email addresses:**

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification": {
    "emaillist": {
      "emailItem": [
        {
          "email": "qwerty@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

```
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":" abc123@def.com "
        },
        {
          "email":" abc234@def.com "
        },
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
}
```

**Example Request 5 – Remove notification email address:**

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
  "removeNotification":"Y"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
    "emailList":{
      "emailItem":[
```

```
{
  "email": " abc123@def.com "
},
{
  "email": " abc234@def.com "
}
]
}
}
```

## List Unprovisioned E911 Notification Settings

POST /customerE911NotificationList

This operation allows you to retrieve the current email addresses associated with the customer for unprovisioned E911 Notification alerts.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter            | Description                                                                                                                                                                               | Type                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| statusCode           | 200 - Success<br>414 - Fields Are Required:<name Of Field><br>431 - Unable to complete the request at the moment, please try again<br>408 - privateKey can not blank.<br>401 Unauthorized | String<br>String<br>String<br>String<br>String |
| status               | Indicates whether the API call was successful or failure                                                                                                                                  | String                                         |
| customerNotification | List of email addresses currently associated with the customer (included on successful responses only)                                                                                    | Yes*                                           |
| emailList            | Contains email list. – This element may not be set if there are no notification emails setup for a given tn.                                                                              | No                                             |
| emailItem            | Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.                                                                | Yes                                            |
| email                | Email address set for the customer for notifications.                                                                                                                                     | Yes                                            |

**Example Request 1 – Retrieve TN Notification Settings:**

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty1234@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
}
```

**Example Request 2 – TN without notification emails:**

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
  }
}
```

## PSAP Outage Contact Data

The following API calls allow you to retrieve PSAP Outage contact information. *This feature is available upon request. Please contact Client Services to activate this feature for your API.*

[POST /stateList](#)  
[POST /countyList](#)  
[POST /fccList](#)  
[POST /e911AuthNameList](#)  
[POST /psapNameList](#)  
[POST /psapContactList](#)

## List States

POST /stateList

This operation allows you to retrieve a list of states.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter    | Description                                                                                                                                                                               | Type                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| statusCode   | 200 - Success<br>414 - Fields Are Required:<name Of Field><br>431 - Unable to complete the request at the moment, please try again<br>408 - privateKey can not blank.<br>401 Unauthorized | String<br>String<br>String<br>String<br>String |
| status       | Indicates whether the API call was successful or failure                                                                                                                                  | String                                         |
| stateList    | List of States                                                                                                                                                                            | Yes*                                           |
| name         | Name of State                                                                                                                                                                             | Yes                                            |
| stateProvRef | State Short Reference.                                                                                                                                                                    | Yes                                            |

### Example Request 1 – Retrieve State List:

```
POST https://services.inteliquent.com/Services/1.0.0/stateList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
```

```
{
  "status": "Success",
  "statusCode": "200",
  "stateList": [
    {
      "name": "Alaska",
      "stateProvRef": "AK"
    },
    {
      "name": "Alabama",
      "stateProvRef": "AL"
    }
  ]
}
```

## List County

POST /countyList

This operation allows you to retrieve a list of county based upon states.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| state      | List of states separated by comma                                                                                                  |          |

### Response:

| Parameter  | Description                                                          | Type   |
|------------|----------------------------------------------------------------------|--------|
| statusCode | 200 - Success                                                        | String |
|            | 414 - Fields Are Required:<name Of Field>                            | String |
|            | 431 - Unable to complete the request at the moment, please try again | String |
|            | 408 - privateKey can not blank.                                      | String |
|            | 401 Unauthorized                                                     | String |
| status     | Indicates whether the API call was successful or failure             | String |
| countyList | List of States                                                       | Yes*   |
| name       | Name of State                                                        | Yes    |

### Example Request 1 – Retrieve County List:

```
POST https://services.inteliquent.com/Services/1.0.0/countyList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN,KY"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "countyList": [
    {
      "name": "Aitkin"
    },
    {
      "name": "Anoka"
    }
  ]
}
```

## List FCC ID

POST /fccList

This operation allows you to retrieve a list of FCC ID based upon states & county.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| state      | List of states separated by comma                                                                                                  |          |
| county     | List of county separated by comma                                                                                                  |          |

### Response:

| Parameter  | Description                                                          | Type   |
|------------|----------------------------------------------------------------------|--------|
| statusCode | 200 - Success                                                        | String |
|            | 414 - Fields Are Required:<name Of Field>                            | String |
|            | 431 - Unable to complete the request at the moment, please try again | String |
|            | 408 - privateKey can not blank.                                      | String |
|            | 401 Unauthorized                                                     | String |
| status     | Indicates whether the API call was successful or failure             | String |
| fccIdList  | List of FCC ID                                                       | Yes*   |
| fccId      | FCC ID                                                               | Yes    |

## Example Request 1 – Retrieve FCC ID List:

```
POST https://services.inteliquent.com/Services/1.0.0/fccList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN,KY",
  "county": ""
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "fccIdList": [
    {
      "fccId": "5466"
    }
  ]
}
```

## List 911 Auth Names

POST /e911AuthNameList

This operation allows you to retrieve a list of 911 Auth Name based upon states & county.

**Request:**

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| state      | List of states separated by comma                                                                                                  |          |
| county     | List of county separated by comma                                                                                                  |          |

**Response:**

| Parameter        | Description                                                          | Type   |
|------------------|----------------------------------------------------------------------|--------|
| statusCode       | 200 - Success                                                        | String |
|                  | 414 - Fields Are Required:<name Of Field>                            | String |
|                  | 431 - Unable to complete the request at the moment, please try again | String |
|                  | 408 - privateKey can not blank.                                      | String |
|                  | 401 Unauthorized                                                     | String |
| status           | Indicates whether the API call was successful or failure             | String |
| e911AuthNameList | List of 911 Auth Names                                               | Yes*   |
| e911AuthName     | 911 Auth Names                                                       | Yes    |

### Example Request 1 – Retrieve County List:

```
POST https://services.inteliquent.com/Services/1.0.0/e911AuthNameList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN,KY",
  "county": ""
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "e911AuthNameList": [
    {
      "e911AuthName": "MN Metro Board"
    }
  ]
}
```

## List Psap Name List

POST /psapNameList

This operation allows you to retrieve a list Psap Name based upon states & county.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| state      | List of states separated by comma                                                                                                  |          |
| county     | List of county separated by comma                                                                                                  |          |

### Response:

| Parameter    | Description                                                          | Type   |
|--------------|----------------------------------------------------------------------|--------|
| statusCode   | 200 - Success                                                        | String |
|              | 414 - Fields Are Required:<name Of Field>                            | String |
|              | 431 - Unable to complete the request at the moment, please try again | String |
|              | 408 - privateKey can not blank.                                      | String |
|              | 401 Unauthorized                                                     | String |
| status       | Indicates whether the API call was successful or failure             | String |
| psapNameList | List of Psap Names                                                   | Yes*   |
| name         | Psap Name                                                            | Yes    |

### Example Request 1 – Retrieve PSAP Name List:

```
POST https://services.inteliquent.com/Services/1.0.0/psapNameList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN,KY",
  "county": ""
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "psapNameList": [
    {
      "name": "Samtesting040120"
    }
  ]
}
```

## List Psap Outage Contact List

POST /psapContactList

This operation allows you to retrieve a list Psap Outage Contact List.

### Request:

| Parameter    | Description                                                                                                                                                           | Required |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey   | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>                                    | Yes      |
| state        | List of states separated by comma                                                                                                                                     |          |
| county       | List of county separated by comma                                                                                                                                     |          |
| fccId        | List of FCC ID separated by comma                                                                                                                                     |          |
| e911AuthName | List of E911 Auth Name separated by comma                                                                                                                             |          |
| psapName     | List of Psap Name separated by comma                                                                                                                                  |          |
| status       | Confirmation status                                                                                                                                                   |          |
| fromDate     | Entry date                                                                                                                                                            |          |
| endDate      | Entry or updated date                                                                                                                                                 |          |
| pageSort     | Contains sorting and pagination parameters                                                                                                                            | No       |
| size         | Result page size; integer value                                                                                                                                       | No       |
| page         | Result page number; integer value                                                                                                                                     | No       |
| searchId     | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response | No       |

**Response:**

| Parameter                   | Description                                                          | Type   |
|-----------------------------|----------------------------------------------------------------------|--------|
| statusCode                  | 200 - Success                                                        | String |
|                             | 414 - Fields Are Required:<name Of Field>                            | String |
|                             | 431 - Unable to complete the request at the moment, please try again | String |
|                             | 408 - privateKey can not blank.                                      | String |
|                             | 401 Unauthorized                                                     | String |
| status                      | Indicates whether the API call was successful or failure             | String |
| psapContactList             | List of Psap Names                                                   | Yes*   |
| psapName                    | Psap Name                                                            | Yes    |
| fccId                       | Fcc Ids                                                              |        |
| countyName                  | County name                                                          |        |
| e911AuthName                | 911 Auth Name                                                        |        |
| typeContactPurposeName      | Type of contact purpose name                                         |        |
| contactDisplayName          | Contact Display name                                                 |        |
| contactPhone                | Contact Phone                                                        |        |
| contactEmail                | Contact Email                                                        |        |
| contactFax                  | Contact Fax                                                          |        |
| contactPager                | Contact pager                                                        |        |
| contactPostalAddress        | Contact Postal Address                                               |        |
| confirmationStatus          | Confirmation Status                                                  |        |
| confirmationDt              | Confirmation Date                                                    |        |
| confirmationUser            | Confirmation User                                                    |        |
| confirmationUserDisplayName | Confirmation User Display Name                                       |        |
| lastUpdateUserDisplayName   | Last Update User Display Name                                        |        |
| resultCount                 | Result Count                                                         |        |

**Example Request 1 – Retrieve Psap Outage Contact List.:**

```
POST https://services.inteliquent.com/Services/1.0.0/psapContactList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "fccId": "678392",
  "state": "KY",
  "pageSort": {
    "size": "",

```

```
    "page": ""
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "page": "null",
  "totalPages": "null",
  "totalItems": "6",
  "searchId": "342592937946",
  "psapContactList": [
    {
      "psapName": "Test Mubeena new PSAP",
      "fccId": "678392",
      "stateProvRef": "MN",
      "countyName": "Chippewa",
      "countyId": 5115,
      "e911AuthPartyClassId": 35823,
      "e911AuthName": "MN Metro Board",
      "contactRelationshipId": 72996,
      "contactPartyId": 96437,
      "contactDisplayName": "Kapoor, Shahid ",
      "typeContactPurposeName": "Primary",
      "contactPhone": "(Multiple)",
      "contactEmail": "(Multiple)",
      "fromDt": "2023-04-19",
      "lastUpdateUserDisplayName": "Test, Test ",
      "resultCount": 6
    },
    {
      "psapName": "Test Mubeena new PSAP",
      "fccId": "678392",
      "stateProvRef": "MN",
      "countyName": "Chippewa",
      "countyId": 5115,
      "e911AuthPartyClassId": 35823,
      "e911AuthName": "MN Metro Board",
      "contactRelationshipId": 72995,
      "contactPartyId": 96436,
      "contactDisplayName": "Shinde, Shirish ",
      "typeContactPurposeName": "Outage",
      "contactPhone": "5126372211",
      "contactEmail": "shirish@test.com",
      "fromDt": "2023-04-19",
      "confirmationStatus": "Unconfirmed",
      "lastUpdateUserDisplayName": "Test, Test ",
      "resultCount": 6
    }
  ]
}
```

## Provision Messaging

POST /tnMessaging

This operation allows you to provision Messaging for specified Telephone Number. This api allows Messaging operations (add, update, remove) synchronously for single TN.

| Parameter       | Description                                                                                                        | Required |
|-----------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey      | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| tn              | Ten-digit telephone number (e.g. 3123481234)                                                                       | Yes      |
| messageClass    | Acceptable values are P2P, A2PLC, and A2P8XX                                                                       | Yes      |
| messageType     | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                                            | Yes      |
| netNumberId     | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply              | No       |
| altSpId         | Alternative SpId value                                                                                             | No       |
| removeMessaging | To remove Messaging                                                                                                | No*      |

### Response:

| Parameter  | Description                                                                               | Type   |
|------------|-------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                 | String |
| statusCode | 200 - Success                                                                             | String |
|            | 414 - Fields Are Required:<name Of Field>                                                 | String |
|            | 431 - Unable to complete the request at the moment, please try again                      | String |
|            | 408 - privateKey can not blank.                                                           | String |
|            | 414 - (Different Permission Errors)                                                       | String |
|            | 425 Cannot update message class on TN with campaign                                       | String |
|            | 425 Unable to provision messaging for this TN. Please contact Inteliquent messaging team. | String |
|            | 425 Unable to remove messaging for this TN. Please contact Inteliquent messaging team.    | String |

**Note:** To remove Messaging “removeMessaging” flag is required and should be sent as “Y”.

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessaging HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "messageClass": "P2P",
  "messageType": "SMS",
  "netNumberId": "1234",
  "altSpid": "1234"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "425",
  "status": "Unable to provision messaging for this TN. Please contact Inteliquent messaging team."
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessaging HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "removeMessaging": "Y"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "425",
  "status": "Unable to remove messaging for this TN. Please contact Inteliquent messaging team."
}
```

## Request TN

POST /tnRequest

This operation allows you to request numbers be added to inventory.

| Parameter              | Description                                                                                                        | Required |
|------------------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                  | No       |
| state                  | Two-letter state or province abbreviation (e.g. IL, CA)                                                            | No       |
| lata                   | Three-digit local access and transport area code                                                                   | No       |
| rateCenter             | Rate center abbreviation (e.g. WSHNGTNZN1)                                                                         | No       |
| npa                    | Three-digit npa                                                                                                    | No       |
| nxx                    | Three-digit nxx                                                                                                    | No       |
| trunkGroup             | Desired trunk group to assign the requested TNs                                                                    | No       |
| routingOption          | Desired routing option to assign the requested TNs                                                                 | No       |
| quantity               | Number of TNs to be requested                                                                                      | Yes      |
| activate               | Enter Y or N to activate numbers or not                                                                            | No       |

### Response:

| Parameter  | Description                                                                                                  | Type   |
|------------|--------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                    | String |
| statusCode | 200 - Success                                                                                                | String |
|            | 414 - Fields Are Required:<name Of Field>                                                                    | String |
|            | 431 - Unable to complete the request at the moment, please try again                                         | String |
|            | 408 - privateKey can not blank.                                                                              | String |
|            | 418 - Character limit is exceeded for:customerOrderReference                                                 | String |
|            | 430 - No Result Found                                                                                        | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , > , = , ] , [ , ! | String |
|            | 409 - Invalid Input Parameters:                                                                              | String |
|            | 411 - Unknown Error                                                                                          | String |
|            | 420 Customer OCN on TN Request is not enabled                                                                | String |
|            | 417 Quantity must be at least 1000                                                                           | String |
|            | 410 - DB Error:(Database Error)                                                                              | String |
|            | 430 - No Result Found                                                                                        | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "abcsdsd88246",
  "state": "IL",
  "lata": "550",
  "rateCenter": "WSHNGTNZN1",
  "npa": "312",
  "nxx": "348",
  "quantity": 10,
  "trunkGroup": "Main Trunk Group",
  "routingOption": "Main Trunk Group",
  "activate": "Y"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "3212323"
}
```

## Moving TNs between Accounts

The following API call allows you to move telephone numbers between associated accounts of a given company. *Note: This setup is done by Customer Success Teams to enable the move feature on the back end.*

- [POST /tnMove](#)

This operation retrieves the list of entities that are supported by Inteliquent. One these values needs to be passed into the provisioning APIs.

**Request:**

| Value                  | Description                                                                         | Required |
|------------------------|-------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                       | Yes      |
| tnMove                 | Contains order information                                                          | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                   | No       |
| tnList                 | Contains requested telephone number(s)                                              | Yes      |
| tnItem                 | Contains requested telephone number(s)                                              | Yes      |
| tn                     | Ten-digit telephone number to be moved (e.g. 8156680000)                            | Yes      |
| trunkGroup             | Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897) | No       |

|                      |                                                                                        |     |
|----------------------|----------------------------------------------------------------------------------------|-----|
| routingOption        | Desired routing option to assign the requested telephone number (e.g. CHCGIL24CL1_897) | No  |
| portOutPinOperation  | Options: preserve, remove. Default is preserve.                                        | No  |
| tnNoteOperation      | Options: preserve, remove. Default is preserve.                                        | No  |
| forwardToOperation   | Options: preserve, remove. Default is preserve.                                        | No  |
| endUser              | End user information for the telephone number                                          | No* |
| typeOfService        | Acceptable values are B, Business, R and Residence                                     | No* |
| operation            | Options: preserve, remove. Default is preserve.                                        | No* |
| tnFeature            | List of tn features to be carried over                                                 | No  |
| callerId             |                                                                                        | No* |
| callingNameOperation | Options: preserve, remove. Default is preserve.                                        | No* |
| cnamDipOperation     | Options: preserve, remove. Default is preserve.                                        | No  |
| directoryListing     |                                                                                        | No* |
| operation            | Options: preserve, remove. Default is preserve.                                        | No* |
| e911                 |                                                                                        | No* |
| operation            | Options: preserve, remove. Default is preserve.                                        | No* |
| messaging            |                                                                                        | No* |
| operation            | Options: preserve, remove. Default is preserve.                                        | No* |

**Response:**

| Parameter  | Description                                                          | Type   |
|------------|----------------------------------------------------------------------|--------|
| statusCode | 200 - Success                                                        | String |
|            | 414 - Fields Are Required:<name Of Field>                            | String |
|            | 431 - Unable to complete the request at the moment, please try again | String |
|            | 408 - privateKey can not blank.                                      | String |
|            | 432 TN Excluded                                                      | String |
|            | 425 Partial Success                                                  | String |
|            | 409 - Invalid Input Parameters:                                      | String |
|            | 411 - Unknown Error                                                  | String |
|            | 430 - No Result Found                                                | String |
|            | 420 Tn Move is not enabled                                           | String |

|         |                                                                                                            |        |
|---------|------------------------------------------------------------------------------------------------------------|--------|
|         | 418 - Character limit is exceeded for:customerOrderReference                                               | String |
|         | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , }, {, >, =, ], [, ! | String |
|         | 409 Invalid TN submitted:                                                                                  | String |
|         | 422 Maximum item quantity (5,000) has been exceeded.                                                       | String |
|         | 426 Account not 911-enabled, remove e911 from request.                                                     | String |
|         | 418 Character limit is exceeded for:                                                                       | String |
|         | 409 (Multiple Check of Input fields                                                                        | String |
|         | 412 Invalid trunk group submitted for:                                                                     | String |
|         | 414 - tnNote must not exceed 4000 characters for TN/s:                                                     | String |
|         | 410 - DB Error:(Database Error)                                                                            | String |
| status  | Indicates whether the API call was successful or failure                                                   | String |
| orderId | Order Id for the order just placed                                                                         | String |

#### Example Request 1 – Move TN between accounts:

POST https://services.inteliquent.com/Services/1.0.0/tnMove HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMove": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2085161531",
          "portOutPinOperation": "preserve",
          "tnNoteOperation": "preserve",
          "forwardToOperation": "preserve",
          "endUser": {
            "typeOfService": "B",
            "operation": "preserve"
          },
          "tnFeature": {
            "callerId": {
              "callingNameOperation": "preserve",
              "cnamDipOperation": "preserve"
            },
            "directoryListing": {
              "operation": "preserve"
            },
            "e911": {
              "operation": "preserve"
            },
            "messaging": {
              "operation": "preserve"
            }
          }
        }
      ]
    }
  }
}
```

```
},
{
  "tn": "2085161532",
  "portOutPinOperation": "preserve",
  "tnNoteOperation": "preserve",
  "forwardToOperation": "preserve",
  "endUser": {
    "typeOfService": "B",
    "operation": "preserve"
  },
  "tnFeature": {
    "callerId": {
      "callingNameOperation": "preserve",
      "cnamDipOperation": "preserve"
    },
    "directoryListing": {
      "operation": "preserve"
    },
    "e911": {
      "operation": "preserve"
    },
    "messaging": {
      "operation": "preserve"
    }
  }
},
{
  "tn": "2085161533",
  "portOutPinOperation": "preserve",
  "tnNoteOperation": "preserve",
  "forwardToOperation": "preserve",
  "endUser": {
    "typeOfService": "B",
    "operation": "preserve"
  },
  "tnFeature": {
    "callerId": {
      "callingNameOperation": "preserve",
      "cnamDipOperation": "preserve"
    },
    "directoryListing": {
      "operation": "preserve"
    },
    "e911": {
      "operation": "preserve"
    },
    "messaging": {
      "operation": "preserve"
    }
  }
},
{
  "tn": "2085161534",
  "portOutPinOperation": "preserve",
  "tnNoteOperation": "preserve",
  "forwardToOperation": "preserve",
  "endUser": {
    "typeOfService": "B",
    "operation": "preserve"
  },
}
```

```
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "preserve",
        "cnamDipOperation": "preserve"
      },
      "directoryListing": {
        "operation": "preserve"
      },
      "e911": {
        "operation": "preserve"
      },
      "messaging": {
        "operation": "preserve"
      }
    }
  },
  {
    "tn": "2085161535",
    "portOutPinOperation": "preserve",
    "tnNoteOperation": "preserve",
    "forwardToOperation": "preserve",
    "endUser": {
      "typeOfService": "B",
      "operation": "preserve"
    },
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "preserve",
        "cnamDipOperation": "preserve"
      },
      "directoryListing": {
        "operation": "preserve"
      },
      "e911": {
        "operation": "preserve"
      },
      "messaging": {
        "operation": "preserve"
      }
    }
  }
]
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1534971
}
```

## Modify Active Telephone Number DNO (Do Not Originate)

POST /tnDno

This operation allows you to modify the DNO status of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

| Value      | Description                                                                    | Required |
|------------|--------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                  | Yes      |
| tnList     | Contains active telephone number(s) to update assigned trunk group             | Yes      |
| tnItem     | Contains active telephone number(s) to update assigned trunk group             | Yes      |
| tn         | Ten-digit telephone number to change trunk group (e.g. 8156680000)             | Yes      |
| dno        | Update Do Not Originate value for the Tn Number; acceptable values are Y and N | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 -Invalid TN submitted: (Tn List                                       | String |
|            | 410 -DB Error                                                             | String |
|            | 414 – Fields are required                                                 |        |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 430 - No Result Found                                                     | String |
|            | 432- TN Excluded                                                          | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDno HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "3123489653",
        "dno": "Y"
      }
    ]
  }
}
```

```
}
  ]
}
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1026471
}
```

## Modify Active Telephone Number Add or Remove Alternative SPID

### POST /tnAltSpid

This operation allows you to add or remove alternative SPID of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

| Value         | Description                                                        | Required |
|---------------|--------------------------------------------------------------------|----------|
| privateKey    | API key required to validate your application                      | Yes      |
| tnList        | Contains active telephone number(s) to update assigned trunk group | Yes      |
| tnItem        | Contains active telephone number(s) to update assigned trunk group | Yes      |
| tn            | Ten-digit telephone number to change trunk group (e.g. 8156680000) | Yes      |
| altSpid       | Alternate SPID                                                     | Yes      |
| removeAltSpid | acceptable values are Y and N                                      | No       |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 -Invalid TN submitted: (Tn List                                       | String |
|            | 410 -DB Error                                                             | String |
|            | 414 – Fields are required                                                 |        |

|                                                                          |        |
|--------------------------------------------------------------------------|--------|
| 431 - Unable to complete the request at the moment,<br>please try again. | String |
| 430 - No Result Found                                                    | String |
| 432- TN Excluded                                                         | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tnAltSpid HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "3123489653",
        "altSpid": "1234567890",
        "removeAltSpid": "N"
      }
    ]
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026471"
}
```

## International Voice Services

The following API calls allow you to manage your international telephone numbers. These calls allow you to search, buy, manage and disconnect telephone numbers in other countries outside of the United States and Canada.:

- [POST /intlCountryList](#)
- [POST /intlAreaCodeInfo](#)
- [POST /intlRoutingOptionList](#)
- [POST /intlExcludedTnList](#)
- [POST /intlTnAddNote](#)
- [POST /intlNumberTypes](#)
- [POST /intlOrderAddContactNote](#)
- [POST /intlOrderAddNote](#)
- [POST /intlOrderAddDocument](#)
- [POST /intlOrderCancel](#)
- [POST /intlOrderDocument](#)
- [POST /intlOrderDocumentDownload](#)
- [POST /intlTnReserve](#)
- [POST /intlOrderList](#)
- [POST /intlPortInOrder](#)
- [POST /intlPortInOrderList](#)
- [POST /intlTnDetail](#)
- [POST /intlTnDisconnect](#)
- [POST /intlTnAddDocument](#)
- [POST /intlTnDocumentDownload](#)
- [POST /intlTnEnduser](#)
- [POST /intlTnInventory](#)
- [POST /intlTnNoteUpdate](#)
- [POST /intlTnOrder](#)
- [POST /intlOrderDetail](#)
- [POST /intlTnRequest](#)
- [POST /intlTnReservedList](#)
- [POST /intlTnRoutingUpdate](#)
- [POST /intlTnUpdate](#)
- [POST /intlConditionList](#)

## Supported Country List

POST /intlCountryList

This operation retrieves the list of countries that are supported by Inteliquent and there is inventory of telephone numbers available for customers to place orders..

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter   | Description                                                               | Type   |
|-------------|---------------------------------------------------------------------------|--------|
| status      | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode  | 200 - Successful                                                          | String |
|             | 414 - Fields Are Required:(All Required Fields)                           | String |
|             | 431 - Unable to complete the request at the moment, please try again.     | String |
|             | 408 - Private Key cannot be blank.                                        | String |
|             | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|             | 411 - Unknown Error                                                       | String |
|             | 410 - DB Error:(Database Error)                                           | String |
|             | 414 - International Order is not allowed for customer                     | String |
| countryList | List containing countries supported.                                      | List   |
| countryName | Country Name.                                                             | String |
| countryRef  | 3 Character ISO abbreviation for the country.                             | String |
| countryCode | Country's phone access code.                                              | String |

### Example Request 1 – Get the country list:

```
POST https://services.inteliquent.com/Services/1.0.0/intlCountryList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8_Aa"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "countryList": [
    {
      "countryName": "France",
```

```

    "countryRef": "FRA",
    "countryCode": "33"
  },
  {
    "countryName": "Netherlands",
    "countryRef": "NLD",
    "countryCode": "31"
  },
  {
    "countryName": "Spain",
    "countryRef": "ESP",
    "countryCode": "34"
  },
  {
    "countryName": "United Kingdom",
    "countryRef": "GBR",
    "countryCode": "44"
  }
]
}

```

## Supported Area Codes

POST /intlAreaCodeInfo

This operation allows you to retrieve supported area codes for a given country.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| countryRef | Country ISO3 code for which the area code list needs to be retrieved                                                               | Yes      |

### Response:

| Parameter    | Description                                                               | Type   |
|--------------|---------------------------------------------------------------------------|--------|
| status       | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode   | 200 - Successful                                                          | String |
|              | 414 - Fields Are Required:(All Required Fields)                           | String |
|              | 431 - Unable to complete the request at the moment, please try again.     | String |
|              | 408 - Private Key cannot be blank.                                        | String |
|              | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|              | 411 - Unknown Error                                                       | String |
|              | 410 - DB Error:(Database Error)                                           | String |
|              | 414 - International Order is not allowed for customer                     | String |
| areaCodeList | List containing Area Codes for the country queried.                       | List   |

|            |                                                               |        |
|------------|---------------------------------------------------------------|--------|
| countryRef | Country ISO3 code for which the area codes are being queried. | String |
| areaCode   | Area code for the region.                                     | String |
| city       | City for the area code                                        | String |
| prefix     | TN Prefix for the area                                        | String |

#### Example Request 1 – Get Area Code List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlAreaCodeInfo HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "FRA"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "areaCodeList": [
    {
      "countryRef": "FRA",
      "areaCode": "5",
      "city": "Bordeaux",
      "prefix": "335"
    },
    {
      "countryRef": "FRA",
      "areaCode": "3",
      "city": "Boulogne",
      "prefix": "333"
    },
    {
      "countryRef": "FRA",
      "areaCode": "2",
      "city": "Brest",
      "prefix": "332"
    },
    {
      "countryRef": "FRA",
      "areaCode": "495",
      "city": "Corsica",
      "prefix": "33495"
    },
    {
      "countryRef": "FRA",
      "areaCode": "4",
      "city": "Lyon",
      "prefix": "334"
    },
    {
      "countryRef": "FRA",
      "areaCode": "596",
      "city": "Martinique",

```

```

    "prefix": "33596"
  },
  {
    "countryRef": "FRA",
    "areaCode": "1",
    "city": "Paris",
    "prefix": "331"
  },
  {
    "countryRef": "FRA",
    "areaCode": "17",
    "city": "Paris (Ile de france)",
    "prefix": "3317"
  },
  {
    "countryRef": "FRA",
    "areaCode": "9",
    "city": "Personal Number",
    "prefix": "339"
  },
  {
    "countryRef": "FRA",
    "areaCode": "508",
    "city": "Sint Pierre And Miquelon",
    "prefix": "33508"
  },
  {
    "countryRef": "FRA",
    "areaCode": "97",
    "city": "Voip",
    "prefix": "3397"
  }
]
}

```

## Supported Routing Options List

POST /intlRoutingOptionList

This operation allows you to retrieve supported routing options for the customer.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| countryRef | Country ISO3 code for which the area code list needs to be retrieved                                                               | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |

|                       |                                                                          |        |
|-----------------------|--------------------------------------------------------------------------|--------|
|                       | 414 - Fields Are Required:(All Required Fields)                          | String |
|                       | 431 - Unable to complete the request at the moment, please try again.    | String |
|                       | 408 - Private Key cannot be blank.                                       | String |
|                       | 409 - Invalid Input Parameters:(Input Fields)                            | String |
|                       | 411 - Unknown Error                                                      | String |
|                       | 410 - DB Error:(Database Error)                                          | String |
|                       | 414 - International Order is not allowed for customer                    | String |
| intlRoutingOptionList | List containing routing options for the country queried by the customer. | List   |
| routingOption         | Routing Option name as configured for the customer                       | String |

#### Example Request 1 – Get Routing Options List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlRoutingOptionList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef":"FRA"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "intlRoutingOptionList":[
    {
      "routingOption":"Cleveland"
    },
    {
      "routingOption":"Voice Platform"
    }
  ]
}
```

## Excluded TN List for an International Order

POST /intlExcludedTnList

This operation allows you to retrieve excluded TNs for a given international TN order.

### Request:

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| countryRef             | Country ISO3 code for which the area code list needs to be retrieved                                                               | No*      |
| orderId                | Order number                                                                                                                       | No*      |
| customerOrderReference | Customer Order Reference                                                                                                           | No*      |
| tn                     | Telephone number                                                                                                                   | No*      |

\*A value must be sent for either tn or orderId or customerOrderReference. If the TN is specified, then the countryRef value must be specified as well.

### Response:

| Parameter          | Description                                                                  | Type   |
|--------------------|------------------------------------------------------------------------------|--------|
| status             | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode         | 200 - Successful                                                             | String |
|                    | 414 - Fields Are Required:(All Required Fields)                              | String |
|                    | 431 - Unable to complete the request at the moment, please try again.        | String |
|                    | 408 - Private Key cannot be blank.                                           | String |
|                    | 409 - Invalid Input Parameters:(Input Fields)                                | String |
|                    | 411 - Unknown Error                                                          | String |
|                    | 414 - International Order is not allowed for customer                        | String |
|                    | 410 - DB Error:(Database Error)                                              | String |
| intlExcludedTnList | 409 - Invalid TN submitted:(Tn List)                                         | String |
|                    | List of excluded TNs for the query parameter.                                | List   |
|                    | excludedTnItem                                                               | List   |
|                    | orderId                                                                      | String |
|                    | customerOrderReference                                                       | String |
|                    | tn                                                                           | String |
|                    | countryCode                                                                  | String |

|                |                                       |          |
|----------------|---------------------------------------|----------|
| countryRef     | Country ISO 3 Reference               | String   |
| excludedReason | Reason why the TN was excluded        | String   |
| insertDate     | Date when the TN was excluded         | DateTime |
| displayName    | Name of the user who placed the order |          |

#### Example Request 1 – Get Excluded TN List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlExcludedTnList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 123456,
  "countryRef": "FRA",
  "tn": "3323234567"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "intlExcludedTnList": {
    "excludedTnItem": [
      {
        "orderId": 1521299,
        "customerOrderReference": "test-mubeena",
        "tn": "31102005398",
        "countryRef": "NLD",
        "excludedReason": "TN canceled from order",
        "insertDate": "2020-11-25T00:00:00.000Z",
        "displayName": "Test, Test "
      }
    ]
  }
}
```

## Add TN Notes

POST /intlTnAddNote

This operation allows you to add notes at the order level for international telephone numbers.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order number                                                                                                                       | Yes      |
| tnNote     | Note to be added                                                                                                                   | Yes      |
| tnList     | Telephone number List for which the note needs to be added                                                                         | Yes      |
| tnItem     | Telephone number List for which the note needs to be added                                                                         | Yes      |
| tn         | TN to which notes need to be added                                                                                                 | Yes      |
| tnNote     | Note which needs to be added                                                                                                       | Yes      |
| countryRef | Country ISO 3 reference                                                                                                            | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 414 - International Order is not allowed for customer                     | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 410 - DB Error:(Database Error)                                           | String |

Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "tnNote":{
```

```

    "tnList":{
      "tnItem":[
        {
          "tn":"442033712323",
          "tnNote":"Test2",
          "countryRef":"GBR"
        }
      ]
    }
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
}

```

## Supported Number Types

POST /intlNumberTypes

This operation allows you to retrieve the number types that are supported by Inteliquent for a given country and for a given customer.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| countryRef | Country ISO 3 reference                                                                                                            | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 414 - tnNote must not exceed 4000 characters for TN/s:                    | String |

|                |                                                                                                  |        |
|----------------|--------------------------------------------------------------------------------------------------|--------|
| numberTypeList | List of number types                                                                             | Array  |
| numberType     | String form of the supported number type                                                         | String |
| numberTypeRef  | Reference that is used while making other API calls where number type is a field in the request. | String |

Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlNumberTypes HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "FRA"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "numberTypeList": [
    {
      "numberType": "Inbound DID",
      "numberTypeRef": "INBDID"
    }
  ]
}
```

## Add Order Level Contact As a Note

POST /intlOrderAddContactNote

This operation allows you to add order contact information as note at order level.

**Request:**

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID to which the contact note needs to be added                                                                               | Yes      |
| orderNote  | The actual Note that needs to be added to the order                                                                                | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 408 - orderNote must not exceed 4000 characters.                          | String |
| noteId     | ID assigned to the note                                                   | String |

**Example Request 1 – Add Notes to an order:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddContactNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "orderNote":"Order Contact Details:\r\nName: Mubeena Fatima\r\nWork Phone:
1111111111\r\nEmail: mubeena.fatima@inteliquent.com"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "noteId": "23456789"
}
```

## Add Order Level Note

POST /intlOrderAddNote

This operation allows you to add order level notes.

**Request:**

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId                | Order ID to which the contact note needs to be added                                                                               | No*      |
| customerOrderReference | Customer Order Reference                                                                                                           | No*      |

orderNote                      The actual Note that needs to be added to the order                      Yes

\*A value must be sent for either orderId or customerOrderReference

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 408 - orderNote must not exceed 4000 characters.                          | String |
| noteId     | ID assigned to the note                                                   | String |

#### Example Request 1 – Add Notes to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "orderNote":"Order Contact Details:\r\nName: Mubeena Fatima\r\nWork Phone:
111111111\r\nEmail: mubeena.fatima@inteliquent.com"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "noteId": "23456789"
}
```

## Add Order Level Documents

POST /intlOrderAddDocument

This operation allows you to add order level documents.

### Request:

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId                | Order ID to which the contact note needs to be added                                                                               | No*      |
| customerOrderReference | Customer Order Reference                                                                                                           | No*      |
| document               | Main container for document information                                                                                            | Yes      |
| fileName               | Name of the file                                                                                                                   | Yes      |
| mimeType               | Mime type of the file. Examples are "image/png"                                                                                    | Yes      |
| fileContent            | Base64 encoded contents of the file bytes                                                                                          | Yes      |

\*A value must be sent for either orderId or customerOrderReference

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 408 - International Order is not allowed for customer                     | String |
| documentId | ID assigned to the document                                               | String |

Example Request 1 – Add document to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddDocument HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1521833,
  "document": {
    "fileName": "name sample.jpg",
    "mimeType": "image/jpeg",
```

```
"fileContent":"/9j/4AAQSkZJRgABAQEASABIAAD/4QmMRXhpZgAATU0AKgAAAAGABwEOAAIAAADAAAAAYgESAAMAAAA
BAAEAAAEAAIAAAARAAABIAodpAAQAAAAABAAABNJybAAEAAAEIAAADgJyeAAEAAAN+AAAEiJyfAAEAAAF+AAAIbgAAAAABQY
XNzcG9ydC4gU2FtcGx1IGRhdGEgcGVyc29uYWwgGfNzSwgZmVtYWx1IGludGVybmF0aw9uYWwgGfZc3BvcnQgd2l0aCB
waG90by4gSWRlbnRpdHkgYmlvbWV0cm1jIGNvbnRyb2wgZG9jdW11bnQsIHZlY3Rvc1B0ZW1wbGF0ZS4gSWxsdXN0cmF0a
W9uIGRvY"
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "documentId": "39459319-6c5a-4438-a9ad-b66307ab2c9e"
}
```

## Cancel Order

POST /int10orderCancel

This operation allows you to cancel a PENDING order.

**Request:**

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId                | Order ID to which the contact note needs to be added                                                                               | No*      |
| customerOrderReference | Customer Order Reference                                                                                                           | No*      |

\*A value must be sent for either orderId or customerOrderReference

**Response:**

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                                | String |
|            | 411 - Unknown Error                                                          | String |
|            | 410 - DB Error:(Database Error)                                              | String |
|            | 408 - International Order is not allowed for customer                        | String |

### Example Request 1 – Add Notes to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderCancel HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200"
}
```

## Retrieve Order Document List

POST /intlOrderDocument

This operation allows you to retrieve documents attached to an existing order.

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

\*A value must be sent for either orderId or customerOrderReference

### Response:

| Parameter         | Description                                                               | Type   |
|-------------------|---------------------------------------------------------------------------|--------|
| status            | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode        | 200 - Successful                                                          | String |
|                   | 414 - Fields Are Required:(All Required Fields)                           | String |
|                   | 431 - Unable to complete the request at the moment, please try again.     | String |
|                   | 408 - Private Key cannot be blank.                                        | String |
|                   | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|                   | 411 - Unknown Error                                                       | String |
|                   | 410 - DB Error:(Database Error)                                           | String |
|                   | 408 - International Order is not allowed for customer                     | String |
| orderDocumentList | List of documents.                                                        | Object |
| orderDocument     | List of documents                                                         | List   |

|            |                                                               |           |
|------------|---------------------------------------------------------------|-----------|
| fileName   | Name of uploaded file.                                        | String    |
| documentId | Unique ID of Document which can be used for download the same | String    |
| insertDate | Date when the TN was excluded                                 | Date Time |
| insertUser | Name of the user who placed the order                         | String    |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 43212313,
  "customerOrderReference": "customerRef12345"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDocumentList": {
    "orderDocument": [
      {
        "documentId": "912ffaa3-2e5e-4b8b-9464-75922d15cd8f",
        "fileName": "Test.docx",
        "insertDate": "2020-12-10T00:00:00.000Z",
        "insertUser": "test user",
      }
    ]
  }
}
```

## Download Order Document

POST /intlOrderDocumentDownload

This operation allows you to download document attached to an existing order.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| orderId    | Existing order number                         | Yes      |
| documentId | Document Id                                   | Yes      |

**Response:**

| Parameter   | Description                                                               | Type   |
|-------------|---------------------------------------------------------------------------|--------|
| status      | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode  | 200 - Successful                                                          | String |
|             | 414 - Fields Are Required:(All Required Fields)                           | String |
|             | 431 - Unable to complete the request at the moment, please try again.     | String |
|             | 408 - Private Key cannot be blank.                                        | String |
|             | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|             | 411 - Unknown Error                                                       | String |
|             | 410 - DB Error:(Database Error)                                           | String |
|             | 408 - International Order is not allowed for customer                     | String |
|             | 430 - No Result Found                                                     | String |
|             | 401 - Unable to parse http response(IO Exception)                         | String |
| document    | Document Details                                                          | Object |
| fileName    | Name of uploaded file                                                     | String |
| mimetype    | Type of file                                                              | String |
| fileContent | Base64 encoded document content                                           | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDocumentDownload HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 43212313,
  "documentId": "912ffaa3-2e5e-4b8b-9464-75922d15cd8f"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "document": {
    "fileName": "Test.docx",
    "mimeType": "text/plain",
    "fileContent": "//5SAGUAcQB1AGUAcwB0ACAAAbQB1AHQAaABvAGQA0gAJAFAATwBTAFQADQAKAFIAZQBxAHUAZQBzAHQ
    AIABwAGEAdABoADOACQBoAHQAdABwADOALwAvAGkAdABjAGgAaQBsADEAMQAYADoAQQA5ADkAQQA0QAvAFMAZQBvAHYAaQBjA
    GUAcwBBAFAASQAvaHIAZQBzAHQALwBzAGUAcgB2AGkAYwB1AHMALwB2ADIALwBvAHIAZAB1AHIAQQBkAGQARABvAGMAdQB
    tAGUAbgB0AA0ACgBQAHAIAbwB4AHkA0gAJAAkACQA8AG4AbwBuAGUAPgANAAoAUgB1AHEAdQB1AHMAAdAAgAHAAYQByAGEAb
    QBzADoACQA8AG4AbwBuAGUAPgANAAoAUQB1AGUAcgB5ACAAcABhAHIAIYQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBGAG8
    AcgBtACAACABhAHIAIYQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBQAGEAdABoACAACABhAHIAIYQBtAHMA0gAJADwAbgBvA
    G4AZQA+AA0ACgBNAHUAbAB0AGkACABhAHIAAdABzADoACQAADwAbgBvAG4AZQA+AA0ACgB1AGUAYQBkAGUAcgBzADoACQA
```

```
JAEEdQB0AGgAbwByAGkAegBhAHQAaQBvAG4APQBCAGUAYQByAGUAcgAgAG4AdQBzAGwADQAKAAKACQAJAAKQQBjAGMAZ
QBwAHQAPQAcAC8AKgANAAoACQAJAAKACQBDAG8AbgB0AGUAbgB0AC0AVAB5AHAAZQA9AGEAcABwAGwAaQBjAGeAdABpAG8
AbgAvAGoAcwBvAG4A0wAgAGMAaABhAHIAcWBlAHQAPQBVAFQARgAtAdgADQAKAEMAbwBvAGsAaQB1AHMAOgAJAAKASgBTA
EUUwBTAEkAtWBOAEKARAA9ADIANAA2ADcAMwBiAGUANQAtAGMAZQB1ADEALQA0ADEANQA2AC0AQOBiADUANwAtADAANwA
yADUAZAA0ADIANwA2AGIAZQA4AA0ACgBCAG8AZAB5ADoADQAKAHsADQAKACAAIAAgACAAIgbWAhIAaQB2AGEAdAB1AEsAZ
QB5ACIAOgAgACIAWAB1AEsAdQA0ADcAZQBDAHgAbgBoAHUAWAA2AEUAVABKAFgAVwBBAEQAQQBOAEQAaQAxAHkAMwAiAcw
ADQAKACAAIAAgACAAIgbWAhIAZAB1AHIASQBKACIAOgAgACIAMQA0ADkAQwADEAOAAiAcwADQAKACAAIAAgACAAIgbJJA
HUAcwB0AG8AbgB1AHIAIwByAGQAZQByAFIAZQBmAGUAcgB1AG4AYwB1ACIAOgAgAG4AdQBzAGwALAANAAoAIAAgACAAIAA
iAGQAbwBjAHUAbgB1AG4AdABOAGEAbQB1ACIAOgAgACIASABhAHAACAB5AEwAaQB0AHQAbAB1AEYAaQBzAGUALgB0AHgAd
AAiACwADQAKACAAIAAgACAAIgbKAG8AYwB1AG0AZQBwAHQARAB1AHMAYwByAGkAcAB0AGkAbwBuACIAOgAgACIASABhAHA
AcAB5ACAABABpAHQAdABsAGUAIABkAGUAcwBjAHIAaQBwAHQAaQBvAG4AIgAsAA0ACgAgACAAIAAgACIAZgBpAGwAZQBDA
G8AbgB0AGUAbgB0ACIAOgAgACIAUwBHAEYAdwBjAEgAawBnAFQARwBsADAAZABHAHgAbABJAEUAWgBwAGIARwBVAE4AQwB
nADAASwBRADMASgBsAFkAWABSAGwAWgBDAEIAaQB1AFMAQgBTAfOAWABOADAASQBFAYEYAUQBTAFMAQgBVAfOAWABOADAAS
QBGAEIAaABZADIAAdABoAFoAMgBVAHUARABRAG8APQAiAA0ACgB9AA0ACgBIAFQAVABQAC8AMQAuADEAIAAyaDAAMAANAo
AWAAtAEMAbwBuAHQAZQBwAHQALQBUAHkAcAB1AC0ATwBwAHQAaQBvAG4AcwA6ACAAbgBvAHMAbgBpAGYAZgANAAoAWAAtA
FgAUwBTAC0AUABYAG8AdAB1AGMAdABpAG8AbgA6ACAAMQA7ACAABQBvAGQAZQA9AGIAbABvAGMAawANAAoAQwBhAGMAaAB
1AC0AQwBvAG4AdABYAG8AbAA6ACAAbgBvAC0AYwBhAGMAaAB1ACwAIABuAG8ALQBzAHQAbwByAGUALAAgAG0AYQB4AC0AY
QBnAGUAPQAwACwAIAbtAHUAcwB0AC0ACgB1AHYAYQBsAGkAZABhAHQAZQANAAoAUABYAGEAZwBtAGEA0AgAG4AbwAtAGM
AYQBjAGgAZQANAAoARQB4AHAAaQByAGUAcwA6ACAAMAANAoAWAAtAEYAcgBhAG0AZQAtAE8AcAB0AGkAbwBuAHMAOgAgA
EQARQBOAFKADQAKAEMAbwBuAHQAZQBwAHQALQBUAHkAcAB1ADoAIAABhAHAAcABsAGkAYwBhAHQAaQBvAG4ALwBqAHMAbwB
uAA0ACgBDAG8AbgB0AGUAbgB0AC0ATAB1AG4AZwB0AGgA0gAgADYAMQANAAoARABhAHQAZQA6ACAABVAB1AGUALAAgADIAM
QAgAEoAYQBwACAAmGAWADIAMAAGADEANQA6ADQANAA6ADAAMwAgAEcATQBUA0ACgB7AA0ACgAgACAAIAAgACIAcWb0AGE
AdAB1AHMAIga6ACAAIgbTAAHUAYwBjAGUAcwBzACIALAANAAoAIAAgACAAIAAIAHMAAdABhAHQAdQBzAEMAbwBkAGUAIga6A
CAAIgAyADAAMAAiACwADQAKACAAIAAgACAAIgbKAG8AYwB1AG0AZQBwAHQASQBKACIAOgAgACIAMwA0ADIAMA2ADEAIga
NAAoAFQANAAoAUgB1AHMAcABvAG4AcwB1ACAAUwB0AGEAdAB1AHMAIABDAG8AZAB1ACAA0gAgADIAMAawAA0ACgBSAGUAc
wBwAG8AbgBzAGUAIABTAGUAcwBzAGkAbwBuACAASQBECACAA0gAgAG4AdQBzAGwADQAKAFIAZQBzAHAAAbwBuAHMAZQAAGFQ
AaQBtAGUAIABNAGkAbABsAGkAcwB1AGMAbwBuAGQAcwAgDoAIAAxADAAMQA="
}
}
```

## Reserve International Numbers

POST /intlTnReserve

This operation allows you to reserve international numbers prior to ordering them. Numbers (up to a maximum) will be reserved for up to 30 minutes before they are released back into inventory.

| Parameter     | Description                                                                                                                        | Required |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey    | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnReserve     | Contains TN information                                                                                                            | Yes      |
| tnList        | Contains requested telephone number(s)                                                                                             | Yes      |
| tnItem        | Contains requested telephone number(s)                                                                                             | Yes      |
| tn            | Country specific number requested (e.g. 443156683230)                                                                              | Yes      |
| countryRef    | Country value (e.g. GBR)                                                                                                           | Yes      |
| numberTypeRef | Number type ref of the TN                                                                                                          | Yes      |

**Response:**

| Parameter             | Description                                                                                           | Type    |
|-----------------------|-------------------------------------------------------------------------------------------------------|---------|
| status                | Indicates whether the API call was successful. Values: Success or Failure                             | String  |
| statusCode            | 200 - Successful                                                                                      | String  |
|                       | 414 - Fields Are Required:(All Required Fields)                                                       | String  |
|                       | 431 - Unable to complete the request at the moment, please try again.                                 | String  |
|                       | 408 - Private Key cannot be blank.                                                                    | String  |
|                       | 409 - Invalid Input Parameters:(Input Fields)                                                         | String  |
|                       | 411 - Unknown Error                                                                                   | String  |
|                       | 410 - DB Error:(Database Error)                                                                       | String  |
|                       | 408 - International Order is not allowed for customer                                                 | String  |
| intlTnReserveResponse | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String  |
|                       | Reserved Numbers Response                                                                             | Object  |
|                       | Total Numbers Count                                                                                   | Integer |
|                       | Reserved Numbers Count                                                                                | Integer |
|                       | Excluded Tn List                                                                                      | Object  |
|                       | Excluded Number                                                                                       | String  |
|                       |                                                                                                       |         |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnReserve HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442015540010",
          "countryRef": "GBR",
          "numberTypeRef": "IB"
        },
        {
          "tn": "442015540011",
          "countryRef": "GBR",
          "numberTypeRef": "IB"
        }
      ]
    }
  }
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "intlTnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 5
  }
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "intlTnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 3,
    "excludedTnList": [
      {"tn": "442015540013" },
      {"tn": "442015540013" }
    ]
  }
}
```

## Retrieve International Order List

POST /intlOrderList

This operation allows you to obtain a list of your existing international number orders with Inteliquent.

| Parameter              | Description                                                                                                                                                                                                                                                                      | Required |             |          |                                                |         |                         |        |                                                    |  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----------|------------------------------------------------|---------|-------------------------|--------|----------------------------------------------------|--|
| privateKey             | API key required to validate your application                                                                                                                                                                                                                                    | Yes      |             |          |                                                |         |                         |        |                                                    |  |
| orderId                | Existing order number                                                                                                                                                                                                                                                            | No       |             |          |                                                |         |                         |        |                                                    |  |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                                                                | No       |             |          |                                                |         |                         |        |                                                    |  |
| serviceOrderReference  | Order type; acceptable values include:                                                                                                                                                                                                                                           | No       |             |          |                                                |         |                         |        |                                                    |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>NEW</td><td>New number order (inventory, load, or port-in)</td></tr><tr><td>DISCO</td><td>Disconnect number order</td></tr><tr><td>CHANGE</td><td>Trunk group/routing update or feature change order</td></tr></table> | Value    | Description | NEW      | New number order (inventory, load, or port-in) | DISCO   | Disconnect number order | CHANGE | Trunk group/routing update or feature change order |  |
| Value                  | Description                                                                                                                                                                                                                                                                      |          |             |          |                                                |         |                         |        |                                                    |  |
| NEW                    | New number order (inventory, load, or port-in)                                                                                                                                                                                                                                   |          |             |          |                                                |         |                         |        |                                                    |  |
| DISCO                  | Disconnect number order                                                                                                                                                                                                                                                          |          |             |          |                                                |         |                         |        |                                                    |  |
| CHANGE                 | Trunk group/routing update or feature change order                                                                                                                                                                                                                               |          |             |          |                                                |         |                         |        |                                                    |  |
| orderStatus            | Order status; acceptable values include:                                                                                                                                                                                                                                         | No       |             |          |                                                |         |                         |        |                                                    |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>INCOMPLT</td><td>Incomplete</td></tr><tr><td>PENDING</td><td>Pending</td></tr><tr><td>PCNCL</td><td>Pending Cancel</td></tr></table>                                                                                   | Value    | Description | INCOMPLT | Incomplete                                     | PENDING | Pending                 | PCNCL  | Pending Cancel                                     |  |
| Value                  | Description                                                                                                                                                                                                                                                                      |          |             |          |                                                |         |                         |        |                                                    |  |
| INCOMPLT               | Incomplete                                                                                                                                                                                                                                                                       |          |             |          |                                                |         |                         |        |                                                    |  |
| PENDING                | Pending                                                                                                                                                                                                                                                                          |          |             |          |                                                |         |                         |        |                                                    |  |
| PCNCL                  | Pending Cancel                                                                                                                                                                                                                                                                   |          |             |          |                                                |         |                         |        |                                                    |  |

|                       |                                                                                                                                                                       |          |    |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|
|                       | CNCL                                                                                                                                                                  | Canceled |    |
|                       | CLSD                                                                                                                                                                  | Closed   |    |
| countryRef            | Country value (e.g. GBR)                                                                                                                                              |          | No |
| tn                    | International number (e.g. 4432333566823123)                                                                                                                          |          | No |
| createdDateStartRange | Earliest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)                                                                                                |          | No |
| createdDateEndRange   | Latest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)                                                                                                  |          | No |
| pageSort              | Contains sorting and pagination parameters                                                                                                                            |          | No |
| property              | Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate                                                                  |          | No |
| direction             | Result sort direction; acceptable values are asc, desc                                                                                                                |          | No |
| size                  | Result page size; integer value                                                                                                                                       |          | No |
| page                  | Result page number; integer value                                                                                                                                     |          | No |
| searchId              | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response |          | No |

**Response:**

| Parameter              | Description                                                               | Type    |
|------------------------|---------------------------------------------------------------------------|---------|
| status                 | Indicates whether the API call was successful. Values: Success or Failure | String  |
| statusCode             | 200 - Successful                                                          | String  |
|                        | 414 - Fields Are Required:(All Required Fields)                           | String  |
|                        | 431 - Unable to complete the request at the moment, please try again.     | String  |
|                        | 408 - Private Key cannot be blank.                                        | String  |
|                        | 409 - Invalid Input Parameters:(Input Fields)                             | String  |
|                        | 411 - Unknown Error                                                       | String  |
|                        | 410 - DB Error:(Database Error)                                           | String  |
|                        | 408 - International Order is not allowed for customer                     | String  |
| orderList              | Order List Response                                                       | Object  |
| orderType              | Contains list of orders                                                   | List    |
| orderId                | Order Id                                                                  | Integer |
| orderStatus            | Status of order                                                           | String  |
| customerOrderReference | Customer Order Reference provided for given order                         | String  |
| serviceOrderName       | Type of Order (Values: New, Change, Disconnect)                           | String  |

|                |                              |         |
|----------------|------------------------------|---------|
| desiredDueDate | Desired Due Date             | String  |
| tnQuantity     | Numbers count on given order | Integer |
| createdDate    | Order submitted date         | String  |
| createdUser    | Order submitted user         | String  |
| page           | Current page number          | Integer |
| totalPages     | Total page count             | Integer |
| totalItems     | Total Order count            | Integer |
| searchId       | Reference of search request  | String  |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "createdDateStartRange": "2020-12-10T00:00:00.000Z",
  "createdDateEndRange": "2020-12-12T00:00:00.000Z",
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 43026470,
        "orderStatus": "New",
        "customerOrderReference": "IntlTestOrder1234",
        "serviceOrderName": "New",
        "desiredDueDate": "2020-12-20T00:00:00.000Z",
        "tnQuantity": 1,
        "createdDate": "2020-12-10T00:00:00.000Z",
        "createdUser": "Test User"
      }
    ]
  },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "141213799652"
}
```

## Order International Port-In Numbers

POST /intlPortInOrder

This operation allows you to create an order to port international numbers from another carrier into the Inteliquent network.

| Value                  | Description                                                      | Required |
|------------------------|------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                    | Yes      |
| portInOrder            | Contains order details for port-in international numbers         | Yes      |
| customerOrderReference | Alphanumeric order reference name                                | No       |
| desiredDueDate         | Desired due date for the port-in (e.g. 2020-12-20T00:00:00.000Z) | Yes      |
| tnList                 | Contains telephone number(s) to be ported in                     | Yes      |
| tnItem                 | Contains telephone number(s) to be ported in                     | Yes      |
| countryRef             | Country Abbreviation of numbers being ported(eg:GBR)             | Yes      |
| numberTypeRef          | Number type ref of the TN                                        | Yes      |
| tn                     | Ten-digit telephone number (e.g. 443256680000)                   | Yes      |
| routingOption          | Desired routing option to assign number                          | Yes      |
| tnNote                 | Optional note value to be stored on the number                   | No       |
| endUserData            | End User details for specified number                            | Yes      |
| label                  | Label of End User Info (e.g: Company Name)                       | Yes      |
| value                  | Value for mentioned label (e.g: Amazon Inc)                      | Yes      |
| mandatory              | Required label flag (e.g: True or false)                         | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 408 - International Order is not allowed for customer                     | String |
|            | 432 - TN Excluded                                                         | String |
|            | 425 - Partial Success                                                     | String |

|         |                                      |         |
|---------|--------------------------------------|---------|
|         | 409 - Invalid TN submitted:(Tn List) | String  |
| orderId | Order Id                             | Integer |

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/intlPortInOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portInOrder": {
    "customerOrderReference": "IntlTestOrder321",
    "desiredDueDate": "2020-12-20T00:00:00.000",
    "tnList": {
      "tnItem": [ {
        "countryRef": "GBR",
        "numberTypeRef": "IB",
        "tn": "443059891246",
        "routingOption": "Voice Platform",
        "tnNOte": "Test Note",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Eiffel Tower"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Champ De Mars"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "11"
          },
          {
            "label": "Zipcod2",
            "mandatory": true,
            "value": "767429"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "Paris"
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "France"
          }
        ]
      }
    ]
  }
}

```

### Example Response:

```
HTTP/1.1 200 OK
{
  "orderId": "43256",
  "statusCode": "200",
  "status": "Success"
}
```

## Retrieve International Port-In Order List

POST /intlPortInOrderList

This operation allows you to obtain a list of your existing international port-in orders with Inteliquent.

| Parameter              | Description                                                                                                                                                                                                                                                                | Required |             |          |            |         |         |       |                |      |          |      |        |  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----------|------------|---------|---------|-------|----------------|------|----------|------|--------|--|
| privateKey             | API key required to validate your application                                                                                                                                                                                                                              | Yes      |             |          |            |         |         |       |                |      |          |      |        |  |
| orderId                | Existing order number                                                                                                                                                                                                                                                      | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                                                          | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| orderStatus            | Order status; acceptable values include:                                                                                                                                                                                                                                   | No       |             |          |            |         |         |       |                |      |          |      |        |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>INCOMPLT</td><td>Incomplete</td></tr><tr><td>PENDING</td><td>Pending</td></tr><tr><td>PCNCL</td><td>Pending Cancel</td></tr><tr><td>CNCL</td><td>Canceled</td></tr><tr><td>CLSD</td><td>Closed</td></tr></table> | Value    | Description | INCOMPLT | Incomplete | PENDING | Pending | PCNCL | Pending Cancel | CNCL | Canceled | CLSD | Closed |  |
| Value                  | Description                                                                                                                                                                                                                                                                |          |             |          |            |         |         |       |                |      |          |      |        |  |
| INCOMPLT               | Incomplete                                                                                                                                                                                                                                                                 |          |             |          |            |         |         |       |                |      |          |      |        |  |
| PENDING                | Pending                                                                                                                                                                                                                                                                    |          |             |          |            |         |         |       |                |      |          |      |        |  |
| PCNCL                  | Pending Cancel                                                                                                                                                                                                                                                             |          |             |          |            |         |         |       |                |      |          |      |        |  |
| CNCL                   | Canceled                                                                                                                                                                                                                                                                   |          |             |          |            |         |         |       |                |      |          |      |        |  |
| CLSD                   | Closed                                                                                                                                                                                                                                                                     |          |             |          |            |         |         |       |                |      |          |      |        |  |
| countryRef             | Country value (e.g. GBR)                                                                                                                                                                                                                                                   | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| tn                     | International number (e.g. 4432333566823123)                                                                                                                                                                                                                               | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| createdDateStartRange  | Earliest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)                                                                                                                                                                                                     | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| createdDateEndRange    | Latest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)                                                                                                                                                                                                       | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| pageSort               | Contains sorting and pagination parameters                                                                                                                                                                                                                                 | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| property               | Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate                                                                                                                                                                       | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| direction              | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                     | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| size                   | Result page size; integer value                                                                                                                                                                                                                                            | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| page                   | Result page number; integer value                                                                                                                                                                                                                                          | No       |             |          |            |         |         |       |                |      |          |      |        |  |
| searchId               | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response                                                                                                      | No       |             |          |            |         |         |       |                |      |          |      |        |  |

**Response:**

| Parameter              | Description                                                               | Type    |
|------------------------|---------------------------------------------------------------------------|---------|
| status                 | Indicates whether the API call was successful. Values: Success or Failure | String  |
| statusCode             | 200 - Successful                                                          | String  |
|                        | 414 - Fields Are Required:(All Required Fields)                           | String  |
|                        | 431 - Unable to complete the request at the moment, please try again.     | String  |
|                        | 408 - Private Key cannot be blank.                                        | String  |
|                        | 409 - Invalid Input Parameters:(Input Fields)                             | String  |
|                        | 411 - Unknown Error                                                       | String  |
|                        | 410 - DB Error:(Database Error)                                           | String  |
|                        | 408 - International Order is not allowed for customer                     | String  |
| orderList              | Order List Response                                                       | Object  |
| orderType              | Contains list of orders                                                   | List    |
| orderId                | Order Id                                                                  | Integer |
| orderStatus            | Status of order                                                           | String  |
| customerOrderReference | Customer Order Reference provided for given order                         | String  |
| serviceOrderName       | Type of Order (Values: New, Change, Disconnect)                           | String  |
| desiredDueDate         | Desired Due Date                                                          | String  |
| focDate                | Port Date                                                                 | String  |
| tnQuantity             | Numbers count on given order                                              | Integer |
| createdDate            | Order submitted date                                                      | String  |
| createdUser            | Order submitted user                                                      | String  |
| page                   | Current page number                                                       | Integer |
| totalPages             | Total page count                                                          | Integer |
| totalItems             | Total Order count                                                         | Integer |
| searchId               | Reference of search request                                               | String  |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlPortInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "createdDateStartRange": "2020-12-10T00:00:00.000Z",
  "createdDateEndRange": "2020-12-12T00:00:00.000Z",
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

```
}
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 43026470,
        "orderStatus": "New",
        "customerOrderReference": "IntlTestOrder1234",
        "serviceOrderName": "New",
        "desiredDueDate": "2020-12-20T00:00:00.000Z",
        "focDate": "2020-12-25T00:00:00.000Z",
        "tnQuantity": 1,
        "createdDate": "2020-12-10T00:00:00.000Z",
        "createdUser": "Test User"
      }
    ]
  },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "141213799652"
}
```

## Retrieve International Telephone Number Detail

POST /intlTnDetail

This operation allows you to obtain retrieve details about the features enabled on a telephone number with Inteliquent.

| Parameter     | Description                                                                                                                                                                                   | Required |             |       |            |       |         |       |                    |  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------|------------|-------|---------|-------|--------------------|--|
| privateKey    | API key required to validate your application                                                                                                                                                 | Yes      |             |       |            |       |         |       |                    |  |
| tnSearchList  | Contains one or more set of search criteria                                                                                                                                                   | Yes      |             |       |            |       |         |       |                    |  |
| tnSearchItem  | Contains one or more set of search criteria                                                                                                                                                   | Yes      |             |       |            |       |         |       |                    |  |
| countryRef    | Country Abbreviation of numbers being searched (eg:GBR)                                                                                                                                       |          |             |       |            |       |         |       |                    |  |
| tnMask        | Ten-digit telephone number (e.g. 3256680000)                                                                                                                                                  | Yes      |             |       |            |       |         |       |                    |  |
| tnStatus      | Telephone number status; acceptable values include                                                                                                                                            | No       |             |       |            |       |         |       |                    |  |
|               | <table><tr><th>Value</th><th>Description</th></tr><tr><td>INSVC</td><td>In Service</td></tr><tr><td>PNDNG</td><td>Pending</td></tr><tr><td>PDISC</td><td>Pending Disconnect</td></tr></table> | Value    | Description | INSVC | In Service | PNDNG | Pending | PDISC | Pending Disconnect |  |
| Value         | Description                                                                                                                                                                                   |          |             |       |            |       |         |       |                    |  |
| INSVC         | In Service                                                                                                                                                                                    |          |             |       |            |       |         |       |                    |  |
| PNDNG         | Pending                                                                                                                                                                                       |          |             |       |            |       |         |       |                    |  |
| PDISC         | Pending Disconnect                                                                                                                                                                            |          |             |       |            |       |         |       |                    |  |
| numberType    | Search for TNs based on their number types                                                                                                                                                    | No       |             |       |            |       |         |       |                    |  |
| routingOption | Search for TNs based on their routing options                                                                                                                                                 | No       |             |       |            |       |         |       |                    |  |

|           |                                                                                                                                                                       |    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| pageSort  | Contains sorting and pagination parameters                                                                                                                            | No |
| property  | Result sort property; acceptable values are tn                                                                                                                        | No |
| direction | Result sort direction; acceptable values are asc, desc                                                                                                                | No |
| size      | Result page size; integer value                                                                                                                                       | No |
| page      | Result page number; integer value                                                                                                                                     | No |
| searchId  | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response | No |

### Response:

| Parameter     | Description                                                               | Type    |
|---------------|---------------------------------------------------------------------------|---------|
| status        | Indicates whether the API call was successful. Values: Success or Failure | String  |
| statusCode    | 200 - Successful                                                          | String  |
|               | 414 - Fields Are Required:(All Required Fields)                           | String  |
|               | 431 - Unable to complete the request at the moment, please try again.     | String  |
|               | 408 - Private Key cannot be blank.                                        | String  |
| tnList        | Tn Detail List Response                                                   | Object  |
| tnItem        | Contains list of TNs                                                      | List    |
| countryRef    | Country Abbreviation of numbers being ported(eg:GBR)                      | String  |
| tn            | Ten-digit telephone number (e.g. 443256680000)                            | String  |
| routingOption | Routing Option name as configured for the customer                        | String  |
| numberType    | Number type of the TN                                                     | String  |
| status        | Telephone number status                                                   | String  |
| endUserData   | End User details for specified number                                     | List    |
| label         | Label of End User Info (e.g: Company Name)                                | String  |
| value         | Value for mentioned label (e.g: Amazon Inc)                               | String  |
| mandatory     | Required label flag (e.g: True or false)                                  | Boolean |
| page          | Current page number                                                       | Integer |
| totalPages    | Total page count                                                          | Integer |
| totalItems    | Total Order count                                                         | Integer |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnSearchList": {
    "tnSearchItem": [
      {
        "countryRef": "FRA",
        "tnMask": "xxxxxxxxxxxx"
      }
    ]
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": "33970635004",
        "routingOption": "Cleveland",
        "status": "In Service",
        "numberType": "Inbound DID",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Eiffel Towe"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Champ De Mars"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "66"
          },
          {
            "label": "Zipcode",
            "mandatory": true,
            "value": "606091"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "Paris "
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "France"
          }
        ]
      }
    ]
  }
}
```

```

    }
  ],
  "countryRef": "FRA"
}
]
}
}

```

## Disconnect Active International Telephone Number

POST /intlTnDisconnect

This operation allows you to disconnect active (In Service) telephone numbers assigned to your company.

| Parameter              | Description                                             | Required |
|------------------------|---------------------------------------------------------|----------|
| privateKey             | API key required to validate your application           | Yes      |
| customerOrderReference | Customer Order Reference                                | Yes      |
| tnList                 | Contains one or more active TNs to disconnect           | Yes      |
| tnItem                 | Contains one or more active TNs to disconnect           | Yes      |
| countryRef             | Country Abbreviation of numbers being searched (eg:GBR) |          |
| tn                     | Ten-digit telephone number (e.g. 443256680000)          | Yes      |

### Response:

| Parameter  | Description                                                               | Type    |
|------------|---------------------------------------------------------------------------|---------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String  |
| statusCode | 200 - Successful                                                          | String  |
|            | 414 - Fields Are Required:(All Required Fields)                           | String  |
|            | 431 - Unable to complete the request at the moment, please try again.     | String  |
|            | 408 - Private Key cannot be blank.                                        | String  |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String  |
|            | 411 - Unknown Error                                                       | String  |
|            | 410 - DB Error:(Database Error)                                           | String  |
|            | 408 - International Order is not allowed for customer                     | String  |
|            | 432 - TN Excluded                                                         | String  |
|            | 425 - Partial Success                                                     | String  |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String  |
| orderId    | Disconnect Order Id                                                       | Integer |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDisconnectHTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "countryRef": "FRA",
        "tn": "331234567890"
      }
    ]
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

## Add International Telephone Number Documents

POST /intlTnAddDocument

This operation allows you to add a document to an ordered TN.

| Parameter              | Description                                               | Required |
|------------------------|-----------------------------------------------------------|----------|
| privateKey             | API key required to validate your application             | Yes      |
| orderId                | Order number                                              | No*      |
| customerOrderReference | Customer Order Reference                                  | No*      |
| tnList                 | Contains one or more TNs for which documents are required | Yes      |
| tnItem                 | Contains one or more TNs for which documents are required | Yes      |
| countryRef             | Country Abbreviation of numbers being searched (eg:GBR)   |          |
| tn                     | Ten-digit telephone number (e.g. 443256680000)            | Yes      |
| numberTypeRef          | Type of Telephone number                                  | Yes      |
| documents              | Contains list of documents per TN                         | Yes      |
| conditionTypeRef       | Condition type ref for document                           | Yes      |
| conditionName          | Name of condition for the document                        | Yes      |

|             |                                 |     |
|-------------|---------------------------------|-----|
| fileName    | Name of the file                | Yes |
| mimeType    | Mime type of the file           | Yes |
| fileContent | Base64 encoded contents of file | Yes |

\*A value must be sent for either `orderId` or `customerOrderReference`. If the TN is specified, then the `countryRef` value must be specified as well.

#### Response:

| Parameter     | Description                                                                                                                                                                                                                                                                                                                                                                                    | Type                                                                         |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| status        | Indicates whether the API call was successful. Values: Success or Failure                                                                                                                                                                                                                                                                                                                      | String                                                                       |
| statusCode    | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank.<br>409 - Invalid Input Parameters:(Input Fields)<br>411 - Unknown Error<br>410 - DB Error:(Database Error)<br>408 - International Order is not allowed for customer<br>409 - Invalid TN submitted:(Tn List) | String<br>String<br>String<br>String<br>String<br>String<br>String<br>String |
| tnList        | Tn Document Response                                                                                                                                                                                                                                                                                                                                                                           | Object                                                                       |
| tnItem        | Contains list of TNs                                                                                                                                                                                                                                                                                                                                                                           | List                                                                         |
| tn            | Ten-digit telephone number (e.g. 443256680000)                                                                                                                                                                                                                                                                                                                                                 | String                                                                       |
| documents     | List of documents uploaded                                                                                                                                                                                                                                                                                                                                                                     | List                                                                         |
| filename      | Name of uploaded document                                                                                                                                                                                                                                                                                                                                                                      | String                                                                       |
| mimeType      | Mime type of the uploaded document                                                                                                                                                                                                                                                                                                                                                             | String                                                                       |
| conditionName | Name of condition mapped to this document                                                                                                                                                                                                                                                                                                                                                      | String                                                                       |
| documentId    | Unique Id generated for this document                                                                                                                                                                                                                                                                                                                                                          | String                                                                       |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "VquwoVKHEBifYoPCp6oT4IpJExla",
  "orderId": 1521263,
  "tnList": {
    "tnItem": [
      {
        "tn": "33970635012",
        "countryRef": "FRA",
        "numberTypeRef": "IB",
        "documents": [
          {
            "conditionTypeRef": "19",
```

```

        "conditionName": "Proof of in region address",
        "fileName": "passport.pdf",
        "mimeType": "application/pdf",
        "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j"
      }
    ]
  }
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "intlTnDocumentResponse": {
    "tnList": {
      "tnItem": [
        {
          "tn": "33970635012",
          "documents": [
            {
              "fileName": "passport.log",
              "mimeType": "application/pdf",
              "conditionName": "Proof of in region address",
              "documentId": "7bd16fa1-16c1-44a5-b9db-1f5561143ae6"
            }
          ]
        }
      ]
    }
  }
}

```

## Download International Telephone Number Documents

POST /intlTnDocumentDownload

This operation allows you to add a document to an ordered TN.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| documentId | Unique Id for document                        | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |

|                                |                                                                                                       |        |
|--------------------------------|-------------------------------------------------------------------------------------------------------|--------|
|                                | 414 - Fields Are Required:(All Required Fields)                                                       | String |
|                                | 431 - Unable to complete the request at the moment, please try again.                                 | String |
|                                | 408 - Private Key cannot be blank.                                                                    | String |
|                                | 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
|                                | 411 - Unknown Error                                                                                   | String |
|                                | 410 - DB Error:(Database Error)                                                                       | String |
|                                | 408 - International Order is not allowed for customer                                                 | String |
|                                | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |
| intlTnDocumentDownloadResponse | Document Download Response                                                                            | Object |
| document                       | Contains document                                                                                     | Object |
| filename                       | Name of uploaded document                                                                             | String |
| mimeType                       | Mime type of the uploaded document                                                                    | String |
| fileContent                    | Base64 encoded contents of file                                                                       | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDocumentDownload HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "documentId": "7bd16fa1-16c1-44a5-b9db-1f5561143ae6"}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "intlTnDocumentDownloadResponse": {
    "document": {
      "fileName": "passport.pdf",
      "mimeType": "application/pdf",
      "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j"
    }
  }
}
```

## End User Details for International Telephone Number

POST /intlTnEnduser

This operation allows you to set end user details for telephone number

| Parameter              | Description                                             | Required |
|------------------------|---------------------------------------------------------|----------|
| privateKey             | API key required to validate your application           | Yes      |
| orderId                | Order Id                                                | No*      |
| customerOrderReference | Customer Order Reference                                | No*      |
| tnList                 | Contains one or more active TNs to disconnect           | Yes      |
| tnItem                 | Contains one or more active TNs to disconnect           | Yes      |
| countryRef             | Country Abbreviation of numbers being searched (eg:GBR) | Yes      |
| tn                     | Ten-digit telephone number (e.g. 443256680000)          | Yes      |
| numberTypeRef          | Number type of TN                                       | Yes      |
| endUserData            | End User details for specified number                   | Yes      |
| label                  | Label of End User Info (e.g: Company Name)              | Yes      |
| value                  | Value for mentioned label (e.g: Amazon Inc)             | Yes      |
| mandatory              | Required label flag (e.g: True or false)                | Yes      |

\*A value must be sent for either orderId or customerOrderReference. If the TN is specified, then the countryRef value must be specified as well.

### Response:

| Parameter  | Description                                                                                           | Type   |
|------------|-------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                             | String |
| statusCode | 200 - Successful                                                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                       | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                 | String |
|            | 408 - Private Key cannot be blank.                                                                    | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
|            | 411 - Unknown Error                                                                                   | String |
|            | 410 - DB Error:(Database Error)                                                                       | String |
|            | 408 - International Order is not allowed for customer                                                 | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                  | String |
|            | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnEnduser HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portalUserId": 9000001,
  "orderId": 1521695,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242407",
        "countryRef": "GBR",
        "numberTypeRef": "IB",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Inteliquent"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Bakers street"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "221"
          },
          {
            "label": "Zipcode",
            "mandatory": true,
            "value": "123123"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "chicago"
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "US"
          }
        ]
      }
    ]
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

## Search International Telephone Number Inventory

POST /intlTnInventory

This operation allows you to search for international telephone numbers in Inteliquent inventory

| Parameter  | Description                                                                                     | Required |
|------------|-------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                                   | Yes      |
| countryRef | Search for TNs based on their country code (eg. GBR)                                            | No       |
| numberType | Search for TNs based on their number types                                                      | Yes      |
| prefix     | Prefix of number in requested city<br>Use <a href="#">intlAreaCodeInfo</a> to search for prefix | No       |
| quantity   | Quantity of TNs to be retrieved                                                                 | Yes      |

### Response:

| Parameter     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Type                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| status        | Indicates whether the API call was successful. Values: Success or Failure                                                                                                                                                                                                                                                                                                                                                                                       | String                                                                       |
| statusCode    | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank.<br>409 - Invalid Input Parameters:(Input Fields)<br>411 - Unknown Error<br>410 - DB Error:(Database Error)<br>408 - International Order is not allowed for customer<br>There was a problem fulfilling your request. Please contact the customer support team for assistance. | String<br>String<br>String<br>String<br>String<br>String<br>String<br>String |
| tnResults     | Tn Inventory List response                                                                                                                                                                                                                                                                                                                                                                                                                                      | Object                                                                       |
| tnList        | Contains list of TN                                                                                                                                                                                                                                                                                                                                                                                                                                             | Object                                                                       |
| tnItem        | Contains list of TNs                                                                                                                                                                                                                                                                                                                                                                                                                                            | List                                                                         |
| countryCode   | Country Abbreviation of numbers being ported(eg:GBR)                                                                                                                                                                                                                                                                                                                                                                                                            | String                                                                       |
| tn            | Ten-digit telephone number (e.g. 443256680000)                                                                                                                                                                                                                                                                                                                                                                                                                  | String                                                                       |
| prefix        | Prefix of TN                                                                                                                                                                                                                                                                                                                                                                                                                                                    | String                                                                       |
| numberTypeRef | Number type of the TN                                                                                                                                                                                                                                                                                                                                                                                                                                           | String                                                                       |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "GBR",
  "numberTypeRef": "IB",
  "quantity": 1
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnResults": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442045242397",
          "city": "London",
          "countryRef": "GBR",
          "numberType": "Inbound DID",
          "prefix": "4420"
        }
      ]
    }
  }
}
```

## Update Note for Active International Telephone Numbers

**POST /intlTnNoteUpdate**

This operation allows you to add a note on your company's In-Service telephone numbers in Inteliquent inventory

| Parameter  | Description                                             | Required |
|------------|---------------------------------------------------------|----------|
| privateKey | API key required to validate your application           | Yes      |
| tnNote     | TN Note object                                          | Yes      |
| tnList     | Contains one or more active TNs to disconnect           | Yes      |
| tnItem     | Contains one or more active TNs to disconnect           | Yes      |
| countryRef | Country Abbreviation of numbers being searched (eg:GBR) |          |
| tn         | Ten-digit telephone number (e.g. 443256680000)          | Yes      |
| tnNote     | Note text to apply to the number                        | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 408 - International Order is not allowed for customer                     | String |
|            | 432 - TN Excluded                                                         | String |
|            | 425 - Partial Success                                                     | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 414 - tnNote must not exceed 4000 characters for TN/s:                    | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnNoteUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnNote": {
    "tnList": {
      "tnItem": [ {
        "countryRef": "FRA",
        "tn": "33170710241",
        "tnNote": "test tn note"
      } ]
    }
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

## Order International Numbers

POST /intlTnOrder

This operation allows you to order international numbers.

| Value                  | Description                                          | Required |
|------------------------|------------------------------------------------------|----------|
| privateKey             | API key required to validate your application        | Yes      |
| tnOrder                | Contains order details for international numbers     | Yes      |
| customerOrderReference | Alphanumeric order reference name                    | No       |
| tnList                 | Contains telephone number(s) to be ordered           | Yes      |
| intlTnItem             | Contains telephone number(s) to be ordered           | Yes      |
| countryRef             | Country Abbreviation of numbers being ported(eg:GBR) | Yes      |
| numberTypeRef          | Number type on the Telephone number                  | Yes      |
| tn                     | Telephone number (e.g. 443256680000)                 | Yes      |
| routingOption          | Desired routing option to assign number              | No       |

### Response:

| Parameter  | Description                                                                                                  | Type    |
|------------|--------------------------------------------------------------------------------------------------------------|---------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                    | String  |
| statusCode | 200 - Successful                                                                                             | String  |
|            | 414 - Fields Are Required:(All Required Fields)                                                              | String  |
|            | 431 - Unable to complete the request at the moment, please try again.                                        | String  |
|            | 408 - Private Key cannot be blank.                                                                           | String  |
|            | 409 - Invalid Input Parameters:(Input Fields)                                                                | String  |
|            | 411 - Unknown Error                                                                                          | String  |
|            | 410 - DB Error:(Database Error)                                                                              | String  |
|            | 408 - International Order is not allowed for customer                                                        | String  |
|            | 409 - Invalid TN submitted:(Tn List)                                                                         | String  |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                                 | String  |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , > , = , ] , [ , ! | String  |
|            | There was a problem fulfilling your request. Please contact the customer support team for assistance.        | String  |
| orderId    | Order Id                                                                                                     | Integer |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnOrder": {
    "customerOrderReference": "gbr-test-8",
    "tnList": {
      "tnItem": [
        {
          "routingOption": "Voice Platform",
          "countryRef": "GBR",
          "numberTypeRef": "IB",
          "tn": "442045242409"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12346987
}
```

## Retrieve Order Details

POST /intlOrderDetail

This operation allows you to get order details

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Order Id                                      | Yes      |
| customerOrderReference | Alphanumeric order reference name             | No       |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

|                        |                                                       |         |
|------------------------|-------------------------------------------------------|---------|
|                        | 408 - Private Key cannot be blank.                    | String  |
|                        | 409 - Invalid Input Parameters:(Input Fields)         | String  |
|                        | 411 - Unknown Error                                   | String  |
|                        | 410 - DB Error:(Database Error)                       | String  |
|                        | 408 - International Order is not allowed for customer | String  |
| orderDetailResponse    | Order Detail Response                                 | Object  |
| tnList                 | Order Detail Response                                 | Object  |
| tnItem                 | Contains order number list                            | List    |
| tn                     | Telephone number (e.g. 442054448452)                  | String  |
| routingOption          | Routing of telephone number                           | String  |
| status                 | Status of telephone number                            | String  |
| numberTypeRef          | Number Type                                           | String  |
| endUserData            | User details                                          | Object  |
| label                  | Required info label (e.g. Company name)               | String  |
| mandatory              | Required flag for label                               | Boolean |
| countryRef             | Country Code ISO3 (e.g. GBR)                          | String  |
| orderId                | Order Id                                              | Integer |
| orderStatus            | Status of order                                       | String  |
| productName            | Name of the telephone number                          | String  |
| serviceOrderName       |                                                       | String  |
| customerOrderReference | Alphanumeric order reference name                     | String  |
| createdUser            | Order created by                                      | String  |
| desiredDueDate         | Desired Due Date                                      | String  |
| orderNotes             | Order Notes                                           | List    |
| note                   | Order Note                                            | String  |
| insertDate             | Note Timestamp                                        | String  |
| insertUser             | Note made by                                          | String  |
| conditions             | Conditions                                            | List    |
| conditionTypeRef       | Condition Type Ref                                    | String  |
| conditionName          | Name of the condition                                 | String  |
| documentStatus         | Status of the document for the condition              | String  |
| documentStatusRef      | Ref value for status of document                      | String  |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1521743,
  "customerOrderReference": "ref"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442045242409",
          "routingOption": "Routing Profile",
          "status": "Pending",
          "numberTypeRef": "IB",
          "endUserData": [
            {
              "label": "Company name",
              "mandatory": true
            },
            {
              "label": "Streetname",
              "mandatory": true
            },
            {
              "label": "Street-number",
              "mandatory": true
            },
            {
              "label": "Zipcode",
              "mandatory": true
            },
            {
              "label": "City",
              "mandatory": true
            },
            {
              "label": "Country",
              "mandatory": true
            }
          ],
          "countryRef": "GBR"
        }
      ]
    },
    "orderId": 1521743,
    "orderStatus": "Pending",
    "productName": "International Telephone Number",
    "serviceOrderName": "New",
  }
}
```

```
{
  "customerOrderReference": "gbr-test-8",
  "createdUser": "PORTAL1",
  "desiredDueDate": "2020-12-10T00:00:00.000Z",
  "orderNotes": [
    {
      "note": "test note 1",
      "insertDate": "2020-12-10T20:40:07.000Z",
      "insertUser": "User"
    }
  ],
  "conditions": [
    {
      "conditionTypeRef": "19",
      "conditionName": "Private use: address details",
      "documentStatus": "No document uploaded",
      "documentStatusRef": "NODOC"
    }
  ]
}
```

## Request Telephone Numbers

POST /intlInRequest

This operation allows you to request telephone numbers for desired quantity.

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| countryRef             | Country code ISO3 (e.g. GBR)                  | Yes      |
| customerOrderReference | Alphanumeric order reference name             | No       |
| quantity               | No. of telephone numbers required             | Yes      |
| routingOption          | Telephone number routing                      | No       |
| desiredDueDate         | Desired due date                              | No       |
| numberTypeRef          | NumberType                                    | No       |
| prefix                 | Preferred area code                           | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

|                                                       |        |
|-------------------------------------------------------|--------|
| 408 - Private Key cannot be blank.                    | String |
| 409 - Invalid Input Parameters:(Input Fields)         | String |
| 411 - Unknown Error                                   | String |
| 410 - DB Error:(Database Error)                       | String |
| 408 - International Order is not allowed for customer | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "test request order",
  "quantity": 10,
  "routingOption": "Cleveland",
  "countryRef": "GBR",
  "desiredDueDate": "2020-10-01T00:00:00.000Z",
  "numberTypeRef": "IB",
  "prefix": "44121-Birmingham"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

## Retrieve Telephone Number Reserved List

POST /intlTnReservedList

This operation allows you to retrieve all telephone numbers that are currently reserved for the given customer.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| countryRef | Country value (e.g. GBR)                      | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

|                |                                                                                                       |        |
|----------------|-------------------------------------------------------------------------------------------------------|--------|
|                | 408 - Private Key cannot be blank.                                                                    | String |
|                | 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
|                | 411 - Unknown Error                                                                                   | String |
|                | 410 - DB Error:(Database Error)                                                                       | String |
|                | 408 - International Order is not allowed for customer                                                 | String |
|                | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |
| tnReservedList | Telephone number list                                                                                 | List   |
| tn             | Telephone number (e.g. 4432989955)                                                                    | String |
| countryRef     | Country Code ISO3 (e.g. GBR)                                                                          | String |
| numberType     | Number type                                                                                           | String |
| productName    | Product Name                                                                                          | String |
| city           | Name of City                                                                                          | String |
| prefixType     | Prefix Type                                                                                           | String |
| reservedUntil  | Reserved till timestamp                                                                               | String |
| prefix         | Country + Area code (e.g. 4432)                                                                       | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnReservedList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "GBR",
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnReservedList": [
    {
      "tn": "442045242399",
      "countryRef": "GBR",
      "numberType": "Inbound DID",
      "productName": "UNITED KINGDOM29 DID",
      "city": "London",
      "prefixType": "Geographic",
      "prefix": "4420",
      "reservedUntil": "2020-12-10T11:31:18.1170000"
    }
  ]
}
```

## Update Telephone Number Routing

POST /intlTnRoutingUpdate

This operation allows you to update telephone number routing prior to the TN being IN SERVICE.

| Value         | Description                                        | Required |
|---------------|----------------------------------------------------|----------|
| privateKey    | API key required to validate your application      | Yes      |
| orderId       | Order Id                                           | Yes      |
| tnList        | Contains telephone number list with routing option | Yes      |
| tnItem        | Contains telephone number list with routing option | Yes      |
| tn            | Telephone Number (e.g. 4432597549)                 | Yes      |
| numberTypeRef | Number Type                                        | Yes      |
| routingOption | Routing Option                                     | Yes      |
| countryRef    | Country Code ISO3 (e.g. GBR)                       | Yes      |

### Response:

| Parameter  | Description                                                                                           | Type   |
|------------|-------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                             | String |
| statusCode | 200 - Successful                                                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                       | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                 | String |
|            | 408 - Private Key cannot be blank.                                                                    | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
|            | 411 - Unknown Error                                                                                   | String |
|            | 410 - DB Error:(Database Error)                                                                       | String |
|            | 408 - International Order is not allowed for customer                                                 | String |
|            | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |
|            | 432 - TN Excluded                                                                                     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnRoutingUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1521743,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242409",
        "numberTypeRef": "IB",
        "routingOption": "Cleveland",
        "countryRef": "GBR"
      }
    ]
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Update In Service Telephone Numbers

POST /intlTnUpdate

This operation allows you to update telephone number details after a telephone number is IN SERVICE.

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| customerOrderReference | Customer Order Reference                      | No       |
| tnList                 | Contains telephone number list with details   | Yes      |
| tnItem                 | Contains telephone number list with details   | Yes      |
| tn                     | Telephone Number (e.g. 4432597549)            | Yes      |
| routingOption          | Routing Option                                | Yes      |
| countryRef             | Country Code ISO3 (e.g. GBR)                  | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment,                       | String |

|                                                                                                       |        |
|-------------------------------------------------------------------------------------------------------|--------|
| please try again.                                                                                     |        |
| 408 - Private Key cannot be blank.                                                                    | String |
| 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
| 411 - Unknown Error                                                                                   | String |
| 410 - DB Error:(Database Error)                                                                       | String |
| 408 - International Order is not allowed for customer                                                 | String |
| There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |
| 409 - Invalid TN submitted:(Tn List)                                                                  | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference ": 1521743,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242409",
        "routingOption": "Cleveland",
        "countryRef": "GBR"
      }
    ]
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Retrieve List of Conditions for Telephone Numbers

POST /intlConditionList

This operation allows you to retrieve list of conditions for ordering TNs

| Value         | Description                                   | Required |
|---------------|-----------------------------------------------|----------|
| privateKey    | API key required to validate your application | Yes      |
| countryRef    | Country value (e.g. GBR)                      | No       |
| numberTypeRef | Number type of the TN                         | No       |

**Response:**

| Parameter            | Description                                                                                           | Type   |
|----------------------|-------------------------------------------------------------------------------------------------------|--------|
| status               | Indicates whether the API call was successful. Values: Success or Failure                             | String |
| statusCode           | 200 - Successful                                                                                      | String |
|                      | 414 - Fields Are Required:(All Required Fields)                                                       | String |
|                      | 431 - Unable to complete the request at the moment, please try again.                                 | String |
|                      | 408 - Private Key cannot be blank.                                                                    | String |
|                      | 409 - Invalid Input Parameters:(Input Fields)                                                         | String |
|                      | 411 - Unknown Error                                                                                   | String |
|                      | 410 - DB Error:(Database Error)                                                                       | String |
|                      | 408 - International Order is not allowed for customer                                                 | String |
|                      | There was a problem fulfilling your request. Please contact the customer support team for assistance. | String |
|                      | 409 - Invalid TN submitted:(Tn List)                                                                  | String |
| conditions           | List of conditions                                                                                    | List   |
| countryRef           | Country value (e.g. GBR)                                                                              | String |
| numberTypeRef        | Number type of the TN                                                                                 | String |
| conditionTypeRef     | Identifier for the condition                                                                          | String |
| conditionName        | Name of the condition                                                                                 | String |
| conditionDescription | Description of the condition                                                                          | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/intlConditionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "GBR",
  "numberTypeRef": "IB"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "conditions": [
    {
      "countryRef": "GBR",
      "numberTypeRef": "IB",
      "conditionTypeRef": "1",
      "conditionName": "Business use: address details",

```

```

    "conditionDescription": "In case of business use, address details of the number-user are
required"
  },
  {
    "countryRef": "GBR",
    "numberTypeRef": "IB",
    "conditionTypeRef": "10",
    "conditionName": "Conference call only",
    "conditionDescription": "The number may only be used for conference call services"
  }
]
}

```

## Port In

The following API calls are related to telephone number porting:

- [POST /portInAvailability](#)
- [POST /portInOrder](#)
- [POST /portInOrderAvailableActivation](#)
- [POST /portInOrderActivate](#)
- [POST /portInOrderTnList](#)
- [POST /portInOrderList](#)
- [POST /tnCsrLookup](#)

## Check Telephone Number Porting Service Availability

### POST /portInAvailability

This operation allows you to check porting service availability for telephone numbers. You may also choose to return the service provider and local routing number (LRN) for portable numbers.

| Value                         | Description                                                                                                        | Required |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey                    | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| returnServiceProvider<br>Name | Enter true to return service provider and LRN; feature supported for portable numbers only                         | No       |
| searchOnNetOnly               | Return on-net portability only (Tier 0); Y or N                                                                    | No       |
| wireless                      | Retrieve wireline or wireless numbers; Accepted values are Y or N                                                  | No       |
| tnList                        | Contains telephone number(s) to check portability                                                                  | Yes      |
| tnItem                        | Contains telephone number(s) to check portability                                                                  | Yes      |
| tn                            | Ten-digit telephone number to check portability (e.g. 8156680000)                                                  | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 414 - Wireless not allowed for Customer                                   | String |
|            | 409 - Invalid TN submitted:(Tn list)                                      | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                             | String |
|            | 411 - Unknown Error                                                       | String |
|            | 410 - DB Error:(Database Error)                                           | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/portInAvailability HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "returnServiceProviderName": true,
  "wireless": "Y",
  "tnList": {
    "tnItem": [
      {"tn": 3348789203 }
    ]
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "serviceAvailable": [
    {
      "telephoneNumber": "3129578428",
      "isPortable": true,
      "serviceName": "Level 3- SVR:8824/1",
      "localRoutingNumber": "2246556199",
      "rateCenterTier": "0",
      "notPortableReason": ""
    }
  ]
}
```

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInAvailability HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "returnServiceProviderName": true,
  "wireless": "Y",
  "tnList": {
    "tnItem": [
      { "tn": 3348789203 }
    ]
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}
```

## Order Port-In Telephone Number

POST /portInOrder

This operation allows you to create an order to port telephone numbers from another carrier into the Inteliquent network. Refer to the [Port-In Status](#) section for more information on port-in order updates.

| Value                  | Description                                                                                                                                                                                                                       | Required |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                                                                                                                                     | Yes      |
| portInOrder            | Contains order details for port-in telephone numbers                                                                                                                                                                              | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                 | No       |
| resellerName           | Name of Reseller/Losing Carrier                                                                                                                                                                                                   | No*      |
| desiredDueDate         | Desired due date for the port-in (e.g. 2015-12-15)                                                                                                                                                                                | Yes      |
| desiredPortTime        | Desired port time in HH:MM (e.g. 14:00)                                                                                                                                                                                           | No       |
| desiredPortTimeZone    | Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT                                                                                                                                                    | No       |
| onDemandActivation     | On-demand activation is available for Tier 0, Tier 1, Wireless Tier A, CAN, HI, and PR with 500 or less TNs per losing carrier. <i>Tier 2 - US48 Off-Net and AK</i> are not eligible and will default to port at 9 am MST; Y or N | No       |
| onNetOnly              | Order on-net ports only; Y or N                                                                                                                                                                                                   | No       |
| tnList                 | Contains telephone number(s) to be ported in                                                                                                                                                                                      | Yes      |
| tnItem                 | Contains telephone number(s) to be ported in                                                                                                                                                                                      | Yes      |
| tn                     | Ten-digit telephone number (e.g. 8156680000)                                                                                                                                                                                      | Yes      |
| trunkGroup             | Desired trunk group to assign number (e.g. CHCGI_897)                                                                                                                                                                             | No*      |

|                  |                                                                                             |     |
|------------------|---------------------------------------------------------------------------------------------|-----|
| routingOption    | Desired routing option to assign number (e.g. CHCGI_897)                                    | No* |
| portOutPin       | PIN for onnet port-out protection (Tier 0 & HI)                                             | No  |
| tnNote           | Optional note value to be stored on the number                                              | No  |
| accountNum       | Account number                                                                              | Yes |
| atn              | Account telephone number                                                                    | Yes |
| accountPin       | Alphanumeric account PIN or password                                                        | No  |
| authName         | Name of port-in authorizer                                                                  | Yes |
| authDate         | Date of port-in authorization, must be less than or equal to today's date (e.g. 2015-12-15) | Yes |
| endUser          | End user information for the telephone number                                               | Yes |
| name             | End user name                                                                               | Yes |
| streetNum        | End user address street number (e.g. 100, 550)                                              | Yes |
| streetPreDir     | End user address street direction prefix (e.g. N)                                           | No  |
| streetName       | End user address street name                                                                | Yes |
| streetType       | End user address street type (e.g. St, Ave)                                                 | No  |
| streetPostDir    | End user address street direction ending (e.g. SW)                                          | No  |
| locationType1    | End user address location type 1 (e.g. Bld, Apt)                                            | No  |
| locationValue1   | End user address location value 1 (e.g. 1, 2B)                                              | No  |
| locationType2    | End user address location type 2 (e.g. Flr, Ste)                                            | No  |
| locationValue2   | End user address location value 2 (e.g. 1, 900)                                             | No  |
| locationType3    | End user address location type 3 (e.g. Flr, Ste)                                            | No  |
| locationValue3   | End user address location value 3 (e.g. 1, 900)                                             | No  |
| city             | End user address city                                                                       | Yes |
| state            | End user address state                                                                      | Yes |
| postalCode       | End user address zip code                                                                   | Yes |
| typeOfService    | Acceptable values are B, Business, R and Residence                                          | Yes |
| tnFeature        | Contains features associated to the telephone number                                        | No  |
| callerId         | Caller ID name (CNAM) for the telephone number                                              | No  |
| callingName      | Caller ID display name; 15 characters or fewer and should have at least 1 alpha character   | No  |
| cnamDip          | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                   | No  |
| directoryListing | Directory listing information for the telephone number                                      | No  |
| lastName         | Directory listing last name (if typeOfService is R)                                         | No  |

|                 |                                                                                                                 |    |
|-----------------|-----------------------------------------------------------------------------------------------------------------|----|
|                 | or business name (if typeOfService is B)                                                                        |    |
| firstName       | Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B) | No |
| streetNum       | Directory listing address street number (e.g. 100, 550)                                                         | No |
| streetPreDir    | Directory listing address street direction prefix (e.g. N)                                                      | No |
| streetName      | Directory listing address street name                                                                           | No |
| streetType      | Directory listing address street type (e.g. St, Ave)                                                            | No |
| streetPostDir   | Directory listing address direction ending (e.g. SW)                                                            | No |
| location        | Directory listing address location (e.g. Ste 900)                                                               | No |
| city            | Directory listing address city                                                                                  | No |
| state           | Directory listing address state                                                                                 | No |
| postalCode      | Directory listing address zip code                                                                              | No |
| e911            | E911 information for the telephone number                                                                       | No |
| name            | E911 first and last name                                                                                        | No |
| origStreetNum   | E911 address street number (e.g. 100, 550)                                                                      | No |
| origStreetInfo  | E911 address street information (e.g. W Adams St)                                                               | No |
| origLocation    | E911 address location (e.g. Suite 900)                                                                          | No |
| origCityororder | E911 address city                                                                                               | No |
| origState       | E911 address state                                                                                              | No |
| origPostalCode  | E911 address zip code                                                                                           | No |
| messaging       | Text messaging services for the telephone number                                                                | No |
| messageClass    | Acceptable values are P2P, A2PLC, and A2P8XX                                                                    | No |
| messageType     | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                                         | No |
| netNumberId     | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply           | No |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

410 - DB Error:(Database Error)

String

**P.S. “trunkGroup” or “routingOption”** is required if feature is requested for specific TN.

Reseller Name is not required for API call but required for Canadian Port Orders

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portInOrder": {
    "customerOrderReference": "TestOrder06",
    "desiredDueDate": "2015-12-15",
    "tnList": {
      "tnItem": [ {
        "tn": 3059891246,
        "routingOption": "CHCGIL24CL1_897",
        "accountNum": "12345",
        "atn": "8009247586",
        "authName": "Jean Blues",
        "authDate": "2015-12-15",
        "endUser": {
          "name": "Jean Blues",
          "streetNum": "101",
          "streetName": "Main",
          "streetType": "St",
          "city": "Miami",
          "state": "FL",
          "postalCode": "33124",
          "typeOfService": "B"
        },
        "tnFeature": {
          "callerId": {
            "callingName": "J Blues"
          },
          "messaging": {
            "messageClass": "A2PLC",
            "messageType": "SMSMMS"
          }
        }
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "orderId": "102644",
  "statusCode": "200",
  "status": "Success"
}
```

## Retrieve Port-In Order Available Activation Groups

POST /portInOrderAvailableActivation

This operation allows you to get a list of number groups currently available for activation on a port-in order. FOC (portDate) must be today or earlier, and the numbers must be in routing on the Inteliquent network.

On-demand activation is available for Tier 0, Tier 1, Wireless Tier A, CAN, HI, and PR with 500 or less TNs per losing carrier. Please use the Check Service Availability tool to verify Tier. Please note *Tier 2 - US48 Off-Net and AK* are not eligible and will default to port at 9 am MST.

| Value                  | Description                                                            | Required |
|------------------------|------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                          | Yes      |
| orderId                | Port-in order number to retrieve number groups eligible for activation | No*      |
| customerOrderReference | Alphanumeric order reference name                                      | No*      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 410 - DB Error:(Database Error)                                           | String |

\*A value must be sent for either orderId or customerOrderReference

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderAvailableActivation HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1085360,
  "customerOrderReference": "customerRef12345",
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "availableActivationList": [
    {
```

```
"tnGroup": "Group ID 93452A - ALEC, INC:2588 - NSR/1",
"focDt": "2017-09-27 00:00:00.0",
"tnList": {
  "tnItem": [
    {
      "tn": 8642246351,
      "routingOption": "NTCHI-1234-DID-950"
    }
  ]
},
{
  "tnGroup": "Group ID 93454 - Astound Broadband LLC: 485E - NSR",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 5308856332,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
},
{
  "tnGroup": "Group ID 93456 - BellSouth/1",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 2057552511,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
},
{
  "tnGroup": "Group ID 93457 - BellSouth/1",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 2516530680,
        "routingOption": "NTCHI-1234-DID-950"
      },
      {
        "tn": 2516530681,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
}
]
```

## Activate Port-In Order

POST /portInOrderActivate

This operation allows you to activate list of number groups currently available for activation on a port-in order. FOC (portDate) must be today or earlier, and the numbers must be in routing on the Inteliquent network (occurs at midnight on the date of the port, after concurrence, or following the 18-hour wireline port timer expiration on expedited ports).

| Value                  | Description                                                                                      | Required |
|------------------------|--------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                    | Yes      |
| orderId                | Port-in order number containing number groups to be activated                                    | No*      |
| customerOrderReference | Alphanumeric order reference name                                                                | No*      |
| tnGroup                | Contains one or more groups of numbers available for activation on the order to trigger the port | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |

\*A value must be sent for either orderId or customerOrderReference

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderActivate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1085360,
  "customerOrderReference": "customerRef12345",
  "tnGroup": [
    "Group ID 93453 - Ameritech/1",
    "Group ID 93457 - BellSouth/1"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "tnGroup:Group ID 93453 - Ameritech/1 Status:{1=[TN group not available for portGroup ID 93453 - Ameritech/1]}|tnGroup: Group ID 93457 - BellSouth/1 Status:Success|}"
}
```

Inteliquent will advise via webhook or email (if configured in [/accountDefault](#)) when the port-in activation is complete on the requested group(s).

You can also poll [/orderDetail](#) for status; the groups of numbers will move to Activated or Complete status as noted in the [Order Status](#) description section.

## Retrieve Pending Port-In Order Number List

POST [/portInOrderTnList](#)

This operation allows you to retrieve a list of statuses for all numbers currently on pending port-in orders on your account.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 430 - No Result Found                                                        | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
```

```

"status": "Success",
"statusCode": "200",
"orderList": { "orderType": [
  {
    "orderId": 1437326,
    "customerOrderReference": "customerRef12345",
    "orderStatus": "Pending",
    "desiredDueDate": "2017-09-18T00:00:00.000+0000",
    "createdDate": "2017-08-07T00:00:00.000+0000",
    "createdUser": " test@email.com",
    "rejectReasonName": "",
    "tn": "2033075990",
    "processName": "Group ID 521021 - Broadvox:787F - SVR/1",
    "tnStatus": "Pending",
    "lsrNumber": ""
  },
  {
    "orderId": 1437326,
    "customerOrderReference": "customerRef12345",
    "orderStatus": "Pending",
    "desiredDueDate": "2017-09-18T00:00:00.000+0000",
    "createdDate": "2017-08-07T00:00:00.000+0000",
    "createdUser": "test@email.com",
    "rejectReasonName": "",
    "tn": "2034242061",
    "processName": "Group ID 521032 - Peerless: 063E-NSR/1",
    "tnStatus": "Received FOC",
    "lsrNumber": ""
  }
]
}
}

```

## Retrieve Pending Port-In Order List

POST /portInOrderList

This operation allows you to retrieve a list of port-in orders with aggregated quantities of numbers in different statuses.

| Value                  | Description                                                                                                                                                                                                                                                                | Required |             |          |            |         |         |       |                |      |          |      |        |  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----------|------------|---------|---------|-------|----------------|------|----------|------|--------|--|
| privateKey             | API key required to validate your application                                                                                                                                                                                                                              | Yes      |             |          |            |         |         |       |                |      |          |      |        |  |
| orderId                | Existing order number                                                                                                                                                                                                                                                      | No*      |             |          |            |         |         |       |                |      |          |      |        |  |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                                                          | No*      |             |          |            |         |         |       |                |      |          |      |        |  |
| orderStatus            | Order status; acceptable values include:                                                                                                                                                                                                                                   | No       |             |          |            |         |         |       |                |      |          |      |        |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>INCOMPLT</td><td>Incomplete</td></tr><tr><td>PENDING</td><td>Pending</td></tr><tr><td>PCNCL</td><td>Pending Cancel</td></tr><tr><td>CNCL</td><td>Canceled</td></tr><tr><td>CLSD</td><td>Closed</td></tr></table> | Value    | Description | INCOMPLT | Incomplete | PENDING | Pending | PCNCL | Pending Cancel | CNCL | Canceled | CLSD | Closed |  |
| Value                  | Description                                                                                                                                                                                                                                                                |          |             |          |            |         |         |       |                |      |          |      |        |  |
| INCOMPLT               | Incomplete                                                                                                                                                                                                                                                                 |          |             |          |            |         |         |       |                |      |          |      |        |  |
| PENDING                | Pending                                                                                                                                                                                                                                                                    |          |             |          |            |         |         |       |                |      |          |      |        |  |
| PCNCL                  | Pending Cancel                                                                                                                                                                                                                                                             |          |             |          |            |         |         |       |                |      |          |      |        |  |
| CNCL                   | Canceled                                                                                                                                                                                                                                                                   |          |             |          |            |         |         |       |                |      |          |      |        |  |
| CLSD                   | Closed                                                                                                                                                                                                                                                                     |          |             |          |            |         |         |       |                |      |          |      |        |  |
| createdDateStartRange  | Earliest order creation date to return (e.g. 2015-12-                                                                                                                                                                                                                      | No       |             |          |            |         |         |       |                |      |          |      |        |  |

|                     |                                                                                                                                                                       |    |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|                     | 20)                                                                                                                                                                   |    |
| createdDateEndRange | Latest order creation date to return (e.g. 2015-12-20)                                                                                                                | No |
| tn                  | Ten-digit telephone number (e.g. 8156680000)                                                                                                                          | No |
| pageSort            | Contains sorting and pagination parameters                                                                                                                            | No |
| property            | Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate                                                                  | No |
| direction           | Result sort direction; acceptable values are asc, desc                                                                                                                | No |
| size                | Result page size; integer value                                                                                                                                       | No |
| page                | Result page number; integer value                                                                                                                                     | No |
| searchId            | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response | No |

#### Response:

| Parameter  | Description                                                                                                  | Type   |
|------------|--------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                    | String |
| statusCode | 200 - Successful                                                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                        | String |
|            | 408 - Private Key cannot be blank.                                                                           | String |
|            | 430 - No Result Found                                                                                        | String |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                                 | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , > , = , ] , [ , ! | String |
|            | 409 - Invalid TN submitted: Must be of 10 Digits                                                             | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                                                                | String |

\*A value must be sent for either orderId or customerOrderReference

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836,
  "customerOrderReference": "9262NewLNP",
  "orderStatus": "PENDING"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderList": {"orderType": [
    {
      "orderId": 1458836,
      "orderStatus": "Pending",
      "customerOrderReference": "9262NewLNP",
      "desiredDueDate": "2017-09-26T00:00:00.000+0000",
      "tnQuantity": 2,
      "createdDate": "2017-09-19T00:00:00.000+0000",
      "createdUser": "test@email.com",
      "focTnQuantity": 0,
      "rejectedTnQuantity": 1,
      "activatedTnQuantity": 1,
      "focList": {"focItem": [
        {
          "portDate": "2017-09-26T00:00:00.000+0000",
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 0,
          "activatedTnQuantity": 1
        },
        {
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 1,
          "activatedTnQuantity": 0
        }
      ]},
      "rejectReasonList": {"rejectReasonItem": [
        {
          "rejectReason": "Invalid zip code",
          "rejectedTnQuantity": 1
        }
      ]}
    }
  ]}
}
```

#### Example Request (for Pagination):

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836,
  "customerOrderReference": "9262NewLNP",
  "orderStatus": "PENDING",
  "pageSort": {
    "size": 1,
    "page": 10
  }
}
```

#### Example Response (for Pagination):

```
HTTP/1.1 200 OK
{
```

```

"status": "Success",
"statusCode": "200",
"orderList": { "orderType": [
  {
    "orderId": 1458836,
    "orderStatus": "Pending",
    "customerOrderReference": "9262NewLNP",
    "desiredDueDate": "2017-09-26T00:00:00.000+0000",
    "tnQuantity": 2,
    "createdDate": "2017-09-19T00:00:00.000+0000",
    "createdUser": "test@email.com",
    "focTnQuantity": 0,
    "rejectedTnQuantity": 1,
    "activatedTnQuantity": 1,
    "focList": { "focItem": [
      {
        "portDate": "2017-09-26T00:00:00.000+0000",
        "tnQuantity": 1,
        "focTnQuantity": 0,
        "rejectedTnQuantity": 0,
        "activatedTnQuantity": 1
      },
      {
        "tnQuantity": 1,
        "focTnQuantity": 0,
        "rejectedTnQuantity": 1,
        "activatedTnQuantity": 0
      }
    ]
  },
  {
    "rejectReasonList": { "rejectReasonItem": [
      {
        "rejectReason": "Invalid zip code",
        "rejectedTnQuantity": 1
      }
    ]
  }
]
},
"page": "1",
"totalPages": "3",
"totalItems": "29",
"searchId": "141213799652"
}

```

## CSR Lookup

POST /tnCsrLookup

This operation allows you to look up synchronous information for specified Telephone Number. All the end user information, account details along with special instructions will be returned in the response which can be used to create an order to port telephone numbers from another carrier into the Inteliquent network.

| Parameter  | Description                                                                                                        | Required |
|------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |

|              |                                                        |      |
|--------------|--------------------------------------------------------|------|
| tn           | Ten-digit telephone number requested (e.g. 3123488246) | Yes* |
| accountNum   | Account Number                                         | No   |
| atn          | Account Telephone Number                               | No   |
| addressLine1 | TN address line1 information                           | No   |
| city         | E911 address city                                      | No   |
| state        | E911 address state                                     | No   |
| zipCode      | E911 address zip code                                  | No   |
| authName     | Authorized User Name                                   | No   |
| pin          | Account PIN                                            | No   |
| password     | Account Password                                       | No   |
| custCode     | Customer Code                                          | No   |

#### Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 430 - No Result Found                                                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                                | String |
|            | 411 - Unknown Error                                                          | String |
|            | 414 - Csr Lookup is not allowed for customer                                 | String |

\* tn is required when accountNum is specified

We can perform search as mentioned below

- By tn
- By atn
- By accountNum

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "accountNum": "12345",
  "atn": "8009247586",
  "addressLine1": "W Adams St",
```

```
"city": "Chicago",
"state": "IL",
"zipCode": "60661",
"authName": "Jean Blues",
"pin": "1234",
"password": "fed342ed",
"custCode": "df453es23rds"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse":
  {
    "tn": "3123488246",
    "accountNum": "12345",
    "atn": "8009247586",
    "endUser": "Test User",
    "endUserAddress": "550 W Adams St, Chicago, IL 60661",
    "streetNum": "550",
    "streetPreDir": "W",
    "streetName": "Adams",
    "streetType": "St",
    "streetPostDir": "",
    "locationType1": "Ste",
    "locationValue1": "900",
    "locationType2": "Flr",
    "locationValue2": "9",
    "locationType3": "",
    "locationValue3": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "typeOfService": "B",
    "serviceProvider": "ATT",
    "ocn": "089",
    "numOfServiceLocations": 2,
    "numOfTnLines": 2,
    "authName": "Jean Blues",
    "authDate": "2018-10-15",
    "earliestScheduledDate": "2018-10-12",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "N",
    "csrLookupMsg": 0,
    "csrLookupResult": "Success",
    "tnGroup": [
      { "tn": "3123488247" },
      { "tn": "3123488248" }
    ]
  }
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "0000000000"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "0000000000",
    "accountNum": "9876",
    "atn": "0000000000",
    "endUser": "Inteliquent",
    "endUserAddress": "Inteliquent 10300 6th Ave N Minneapolis, MN 55441",
    "streetNum": "10300",
    "streetPreDir": "",
    "streetName": "6th",
    "streetType": "Ave",
    "streetPostDir": "N",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "Minneapolis",
    "state": "MN",
    "postalCode": "55441",
    "earliestScheduledDate": "2018-10-27",
    "typeOfService": "B",
    "serviceProvider": "Onvoy:4899 - SVR/1",
    "ocn": "453F",
    "numOfServiceLocations": 1,
    "numOfTnLines": 1,
    "authName": "Jane Doe",
    "authDate": "2018-10-24",
    "remarks": "Remarks",
    "lsrRequirements": "PIN required",
    "simplePort": "N",
    "csrLookupMsg": "Success",
    "csrLookupResult": 0
  }
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "1111111111"
}
```

```
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "1111111111",
    "accountNum": "",
    "atn": "",
    "endUser": "",
    "endUserAddress": "",
    "streetNum": "",
    "streetPreDir": "",
    "streetName": "",
    "streetType": "",
    "streetPostDir": "",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "",
    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "serviceProvider": "",
    "ocn": "",
    "numOfServiceLocations": 0,
    "numOfTnLines": 0,
    "authName": "",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "",
    "csrLookupMsg": "Failure: Carrier did not respond with valid CSR",
    "csrLookupResult": 1
  }
}
```

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "2222222222"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "2222222222",
    "accountNum": "",
    "atn": "",
    "endUser": "",
    "endUserAddress": "",
    "streetNum": "",
    "streetPreDir": "",
    "streetName": "",
    "streetType": "",
    "streetPostDir": "",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "",
    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "serviceProvider": "",
    "ocn": "",
    "numOfServiceLocations": 0,
    "numOfTnLines": 0,
    "authName": "",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "",
    "csrLookupMsg": "Failure: Carrier does not support automated CSR lookups",
    "csrLookupResult": 1
  }
}
```

## Toll-free

The following API calls allow you to order and manage toll-free numbers in Inteliquent inventory:

- [POST /tfInventory](#)
- [POST /tfOrder](#)
- [POST /tfDetail](#)
- [POST /tfUpdate](#)
- [POST /tfDisconnect](#)
- [POST /tfFeatureOrder](#)
- [POST /tfFeatureCNameList](#)
- [POST /tfFeatureMessageList](#)
- [POST /tfFeatureE911List](#)
- [POST /tfDnis](#)
- [POST /tfBtn](#)
- [POST /tfRequest](#)
- [POST /tfMove](#)
- [POST /tfRespOrg](#)
- [POST /tfDno](#)

## Search Toll-free Number Inventory

**POST /tfInventory**

This operation allows you to search available toll-free numbers from the FCC-authorized Toll-Free Number Registry (Somos). Results will be returned only for customers using Inteliquent RespOrg services.

| Parameter  | Description                                                                                                                                                                 | Required |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                                                                                                               | Yes      |
| tnMask     | Ten-digit toll-free number; enter x as wildcard (e.g. 877xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                                                                                   | Yes      |
| tnWildcard | Toll-free number. Accepts 0-9, Aa-Zz, *, & or? (e.g. "844CALLNOW" or "8??*hello")                                                                                           | Yes*     |
| quantity   | Maximum number of results to return; partial quantity may be returned based on inventory (Max of 1000 when sequential equals false. Max of 10 when sequential equals true.) | Yes      |
| sequential | Enter true to return sequential numbers                                                                                                                                     | No       |
| pageSort   | Contains sorting and pagination parameters                                                                                                                                  | No       |
| property   | Result sort property; acceptable values (tn, respOrgPrefix, cic)                                                                                                            | No       |
| direction  | Result sort direction; acceptable values are asc, desc                                                                                                                      | No       |
| size       | Result page size; integer value                                                                                                                                             | No       |
| page       | Result page number; integer value                                                                                                                                           | No       |

**Response:**

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                            | String |
|            | 411 - Unknown Error                                                          | String |
|            | 410 - DB Error:(Database Error)                                              | String |
|            | 430 - No Result Found                                                        | String |

\*tnMask or tnWildcard is required, tnMask is used if both are specified

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12

{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "800xxxxxxx",
  "sequential":false,
  "quantity": 5
}
```

**Example Response:**

```
HTTP/1.1 200 OK

{
  "status" : "Success",
  "statusCode" : "200",
  "tfList" : {
    "tfItem" : [
      {
        "tn" : 8006231984,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      },
      {
        "tn" : 8006231985,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      },
      {
        "tn" : 8006231986,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      }
    ]
  }
}
```

```
{
  {
    "tn" : 8006231987,
    "respOrgPrefix" : "QYR01",
    "cic" : "0913,0555,5102,2121"
  },
  {
    "tn" : 8006231988,
    "respOrgPrefix" : "QYR01",
    "cic" : "0913,0555,5102,2121"
  }
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12

{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnWildcard": "844CALL***",
  "quantity": 1
}
```

#### Example Response:

```
HTTP/1.1 200 OK

{
  "status" : "Success",
  "statusCode" : "200",
  "tfList" : {
    "tfItem" : [
      {
        "tn" : 8442255030,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      }
    ]
  }
}
```

The existing tnMask parameter has not been changed, a tnWildcard has been added

| Parameter  | Description                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------|
| tnMask     | Must be exactly 10 characters. Accepts 0-9 , x, X.<br>x, X are interpreted as any single digit.         |
| tnWildcard | Must be 10 characters or fewer than 10 with a single or contiguous *<br>*See interpretation table below |
| quantity   | Max of 10 for sequential searches<br>Max of 1000 for non-sequential searches                            |

tnWildcard interpretations are listed below:

| Character | Interpretation                                    |
|-----------|---------------------------------------------------|
| 0 - 9     | No translation                                    |
| Aa - Cc   | Translated to 2                                   |
| Dd - Ff   | Translated to 3                                   |
| Gg - Ii   | Translated to 4                                   |
| Jj - Ll   | Translated to 5                                   |
| Mm - Oo   | Translated to 6                                   |
| Pp - Ss   | Translated to 7                                   |
| Tt - Vv   | Translated to 8                                   |
| Ww - Zz   | Translated to 9                                   |
| *         | ** Any character sequence (see restriction below) |
| ?         | Any single character                              |
| &         | Repeating digits                                  |

\*\* The '\*' wildcard character may only be used once or contiguously

## Load, Order, or Port Toll-free Numbers

POST /tfOrder

This operation allows you to load toll-free numbers on your own RespOrg to the Inteliquent network and other CICs (if desired), to port toll-free numbers from another RespOrg to Inteliquent (LQX01), or to order toll-free numbers available in the Inteliquent inventory (on RespOrg LQX01).

| Parameter              | Description                                                                                                                                                                                                                                                                  | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                                                                                                                                                                                | Yes      |
| productAbbr            | Product abbreviation for order; acceptable values:<br>8XX – Load free numbers on your own Resporg to the Inteliquent CIC<br>8XXPORTIN – Port toll-free numbers to Inteliquent<br>8XXAVAIL – Order available toll-free numbers from Inteliquent inventory (max 100 per month) | Yes      |
| tfOrder                | Contains order details for toll-free numbers                                                                                                                                                                                                                                 | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                                                            | No       |
| loa                    | Must be sent as Y and you must use <a href="#">orderAddDocument</a> to attach a valid LOA and bill copy when productAbbr is 8XXPORTIN                                                                                                                                        | Yes*     |
| tnList                 | Contains requested toll-free number(s)                                                                                                                                                                                                                                       | Yes      |
| tnItem                 | Contains requested toll-free number(s)                                                                                                                                                                                                                                       | Yes      |

|                        |                                                                                                                                                                                       |       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| tn                     | Ten-digit toll-free number (e.g. 8776680000)                                                                                                                                          | Yes   |
| respongId              | Five character RespOrg ID for the toll-free number; must belong to your company if productAbbr is 8XX                                                                                 | Yes** |
| routingLabel           | Routing option to assign the toll-free number; use <a href="#">routingLabelSearchAssigned</a> and <a href="#">routingLabelDetail</a> to view your company's toll-free routing options | No    |
| cicList                | Contains CIC(s) for the toll-free number                                                                                                                                              | No    |
| tnNote                 | Optional note value to be stored on the number                                                                                                                                        | No    |
| tnFeature              | Contains features associated to the telephone number                                                                                                                                  | No    |
| callerId               | Caller ID name (CNAM) for the telephone number                                                                                                                                        | No    |
| callingName            | Caller ID display name; 15 characters or fewer and should have at least 1 alpha character                                                                                             | No    |
| cnamDip                | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                                                                                             | No    |
| e911                   | E911 information for the telephone number                                                                                                                                             | No    |
| name                   | E911 first and last name                                                                                                                                                              | No*** |
| origStreetNum          | E911 address street number (e.g. 100, 550)                                                                                                                                            | No*** |
| origStreetInfo         | E911 address street information (e.g. W Adams St)                                                                                                                                     | No*** |
| origLocation           | E911 address location (e.g. Suite 900)                                                                                                                                                | No    |
| origCity               | E911 address city                                                                                                                                                                     | No*** |
| origState              | E911 address state                                                                                                                                                                    | No*** |
| origPostalCode         | E911 address zip code                                                                                                                                                                 | No*** |
| origPostalCodePlusFour | E911 address zip code plus four                                                                                                                                                       | No    |
| messaging              | Text messaging services for the telephone number                                                                                                                                      | No    |
| messageClass           | Acceptable values are P2P, A2PLC, and A2P8XX                                                                                                                                          | No    |
| messageType            | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                                                                                                               | No    |
| netNumberId            | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply                                                                                 | No    |
| dnis                   | Dnis value for toll-free number                                                                                                                                                       | No    |
| billingTn              | Ten-digit Billing TN (e.g. 8776681234)                                                                                                                                                | No    |
| termTn                 | Ten-digit Term TN (e.g., 8776683456)                                                                                                                                                  | No*** |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 411 - Unknown Error                                                       | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid TN submitted:(Tn List)(Tn List)                             | String |
|            | 414 - ProductAbbr is required.                                            | String |
|            | 414 - (Different Permission Required )                                    | String |
|            | 422 - Maximum number of TNs that can be searched is 1000                  | String |

\*May be omitted when productAbbr is 8XX or 8XXAVAIL

\*\*May be omitted when productAbbr is 8XXPORTIN or 8XXAVAIL

\*\*\* termTn is allowed if switched toll free enabled and if termTn is present dnis and routingLabel shouldn't be sent. Either Dnis or Term Tn or routingLabel should be sent.

P.S. For E911 "name" & "location" parameters all printable ASCII characters are allowed.

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8881235544,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "3322355533",
          "billingTn": "3311224455",
          "termTn": "2233445566",
          "tnNote": "Sample Note",
          "tnFeature": {
```

```

"callerId":
{ "callingName": "J Blues", "cnamDip": "Y" },
"messaging":
{ "messageClass": "A2PLC",
  "messageType": "SMSMMS" },
"e911": {
  "name": "James Holden",
  "origStreetNum": "550",
  "origStreetInfo": "W Adams St",
  "origLocation": "9th floor",
  "origCity": "Chicago",
  "origState": "IL",
  "origPostalCode": "60661",
  "e911ActivateDate": "2016-07-29T13:48:13.000Z",
  "e911ActivateUser": "Test User",
  "e911TnStatus": "In Service"
}
}
]
}
}
}

```

Example Response for 8XX and 8XXPORTIN requests:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1081234"
}

```

Example Response for 8XXAVAIL requests:

```

HTTP/1.1 200 OK
{
  "status": "{2=[8774514545 TN is marked Not Available in our inventory]}",
  "statusCode": "200"
}

```

The above indicates that some numbers in the request were synchronously activated to the account, but 8774514545 was excluded from activation for the provided reason.

An orderId will be returned for all tfOrder requests.

Example Request1:

```

POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",

```

```
      "tn": 8667412519,
      "routingLabel": "NTNYC-690-8XX-123",
      "cicList": {
        "cic": [ "0913", "0222", "0432" ]
      },
      "termTn": "3311224445"
    ]
  }
}
```

**Example Response1:**

```
HTTP/1.1 200 OK
{
  "status": " Switched Toll Free is not enabled",
  "statusCode": "420"
}
```

**Example Request2:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8667412519,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "billingTn": "33112245"
        }
      ]
    }
  }
}
```

**Example Response2:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Billing TN must be 10 digits for TN/s:[8667412519]",
  "statusCode": "409"
}
```

**Example Request3:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
```

```
"customerOrderReference": "TestOrder08",
"tnList": {
  "tnItem": [
    {
      "resporgId": "ABC45",
      "tn": 8667412519,
      "routingLabel": "NTNYC-690-8XX-123",
      "cicList": {
        "cic": [ "0913", "0222", "0432" ]
      },
      "billingTn": "asda112245"
    }
  ]
}
}
```

#### Example Response3:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Billing TN must be 10 digits for TN/s:[8667412519]",
  "statusCode": "409"
}
```

#### Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "termTn": "asda112245"
        }
      ]
    }
  }
}
```

#### Example Response4:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Term TN must be 10 digits for TN/s:[8337412394]",
  "statusCode": "409"
}
```

#### Example Request5:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
```

```
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "1234567890",
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

#### Example Response5:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either DNIS or Term TN for
TN/s:[8337412394]",
  "statusCode": "409"
}
```

#### Example Request6:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

#### Example Response6:

```
HTTP/1.1 200 OK
{
```

```
"status": "Invalid Input Parameters: Can only send either Term TN or Route Label for
TN/s:[8337412394]",
"statusCode": "409
}
```

#### Example Request7:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "1234567890",
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

#### Example Response7:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either DNIS, Term TN or Route Label for
TN/s:[8337412394]",
  "statusCode": "409
}
```

## Search Assigned Toll-free Number Detail

### POST /tfDetail

This operation allows you to retrieve details about the features enabled on a toll-free number assigned to your company.

| Parameter                 | Description                                                                                          | Required |             |       |            |  |
|---------------------------|------------------------------------------------------------------------------------------------------|----------|-------------|-------|------------|--|
| privateKey                | API key required to validate your application                                                        | Yes      |             |       |            |  |
| tfSearchList              | Contains one or more sets of search criteria                                                         | Yes      |             |       |            |  |
| tfSearchItem              | Contains one or more sets of search criteria                                                         | Yes      |             |       |            |  |
| typeTfStatus<br>Reference | Toll-free number status; acceptable values include:                                                  | No       |             |       |            |  |
|                           | <table><tr><th>Value</th><th>Description</th></tr><tr><td>INSVC</td><td>In Service</td></tr></table> | Value    | Description | INSVC | In Service |  |
| Value                     | Description                                                                                          |          |             |       |            |  |
| INSVC                     | In Service                                                                                           |          |             |       |            |  |

|                            | PNDNG<br>PDISC                                                                                                       | Pending<br>Pending Disconnect |  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|--|
| routingLabel               | Assigned toll-free routing option for the number                                                                     | No                            |  |
| tnMask                     | Ten-digit toll-free number; enter x as wildcard (e.g. 877xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                            | Yes                           |  |
| activateStartDate<br>Range | Start date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z                   | No                            |  |
| activateEndDate<br>Range   | End date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z                     | No                            |  |
| activateUser               | Search for specific string in activation user name                                                                   | No                            |  |
| Dnis                       | Search for specific dnis                                                                                             | No                            |  |
| billingTn                  | Search for specific billing tn                                                                                       | No                            |  |
| termTn                     | Search for specific term tn                                                                                          | No                            |  |
| tnNote                     | Search for specific string contained in telephone number note                                                        | No                            |  |
| cnamDip                    | Search for numbers with or without CNAM dip setting; acceptable values are Y and N                                   | No                            |  |
| callingName<br>Contains    | Search for specific string contained in telephone number calling name                                                | No                            |  |
| callingName                | Search for numbers with or without a calling name set; acceptable values are Y and N                                 | No                            |  |
| e911Contains               | Search for specific string contained in any E911 field                                                               | No                            |  |
| e911                       | Search for numbers with or without E911 information stored; acceptable values are Y and N                            | No                            |  |
| messageClass               | Search for specific message-enabled numbers; Acceptable values are P2P, A2PLC, and A2P8XX                            | No                            |  |
| messageType                | Search for specific message-enabled numbers; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT | No                            |  |
| messaging                  | Search for numbers with or without messaging enabled; acceptable values are Y and N                                  | No                            |  |
| dno                        | Search for tns that have DNO set to Y or N. Acceptable values are Y and N                                            | No                            |  |
| pageSort                   | Contains sorting and pagination parameters                                                                           | No                            |  |
| property                   | Result sort property; acceptable values are tn, rateCenter, lata, state                                              | No                            |  |
| direction                  | Result sort direction; acceptable values are asc, desc                                                               | No                            |  |
| size                       | Result page size; integer value                                                                                      | No                            |  |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| page     | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No |
| searchId | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No |

#### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Successful                                                                              | String |
|            | 414 - Fields Are Required:(All Required Fields)                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 408 - Private Key cannot be blank.                                                            | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                             | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
}
```

```

"tfList": {"tfItem": [ {
  "tn": 8002012311,
  "routingLabel": "NTCHI-1050-8XX-950",
  "tnStatusName": "In Service",
  "tnStatusRef": "INSVC",
  "respOrgName": "Example RespOrg Co.",
  "respOrgPrefix": "ABC01",
  "activateDisplayName": "User, You",
  "activateDate": "2016-07-29T13:48:13.000Z",
  "cic": "0913,5102",
  "cicCompanyName": "Inteliquent, Level 3",
  "tnNote": "Sample Note",
  "dno": "N",
  "tnFeature": {
    "callerId": {
      "callingName": "Harry Fuzz", "cnamDip": "N",
    },
    "messaging": {
      "messageClass": "P2P",
      "messageType": "SMS"
    },
  },
  "e911": {
    "name": "James Holden",
    "origStreetNum": "550",
    "origStreetInfo": "W Adams St",
    "origLocation": "9th floor",
    "origCity": "Chicago",
    "origState": "IL",
    "origPostalCode": "60661",
    "e911ActivateDate": "2016-07-29T13:48:13.000Z",
    "e911ActivateUser": "Test User",
    "e911TnStatus": "In Service"
  }
}
]
},
"page": "1",
"totalPages": "7676",
"totalItems": "7676",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlHk
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

### Example Request2:

```

POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx",
      "billigTn": "1234567899"
    } ]
  },
  "pageSort": {

```

```
    "page": 1,  
    "size": 1  
  }  
}
```

#### Example Response2:

```
HTTP/1.1 200 OK  
{  
  "statusCode": "200",  
  "status": "Success",  
  "tfList": {"tfItem": [ {  
    "tn": 8002012311,  
    "routingLabel": "NTCHI-1050-8XX-950",  
    "tnStatusName": "In Service",  
    "tnStatusRef": "INSVC",  
    "respOrgName": "Example RespOrg Co.",  
    "respOrgPrefix": "ABC01",  
    "activateDisplayName": "User, You",  
    "activateDate": "2016-07-29T13:48:13.000Z",  
    "cic": "0913,5102",  
    "cicCompanyName": "Inteliquent, Level 3",  
    "tnNote": "Sample Note",  
    "billigTn": "1234567899",  
    "dno": "Y",  
    "tnFeature": {  
      "callerId": {  
        "callingName": "Harry Fuzz", "cnamDip": "N",  
      },  
      "messaging": {  
        "messageClass": "P2P",  
        "messageType": "SMS"  
      },  
      "e911": {  
        "name": "James Holden",  
        "origStreetNum": "550",  
        "origStreetInfo": "W Adams St",  
        "origLocation": "9th floor",  
        "origCity": "Chicago",  
        "origState": "IL",  
        "origPostalCode": "60661",  
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",  
        "e911ActivateUser": "Test User",  
        "e911TnStatus": "In Service"  
      }  
    }  
  ]},  
  "page": "1",  
  "totalPages": "7676",  
  "totalItems": "7676",  
  "searchId":  
    "DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV9X2FYs3R1U1NnAAAAAACuC0WVjNESnZxZ1JSNjJROGcz  
    bUZZcGlxUQAAAAAARgsFLYzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK  
    d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"  
}
```

## Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx",
      "termTn": "1234567890",
      "dno": "Y"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}
```

## Example Response3:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": { "tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",
    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "termTn": "1234567890",
    "dno": "Y",
    "tnFeature": {
      "callerId": {
        "callingName": "Harry Fuzz", "cnamDip": "N",
      },
      "messaging": {
        "messageClass": "P2P",
        "messageType": "SMS"
      },
      "e911": {
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661",
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",
      }
    }
  } ]
}
```

```

        "e911ActivateUser": "Test User",
        "e911TnStatus": "In Service"
    }
}
}},
"page": "1",
"totalPages": "7676",
"totalItems": "7676",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGhlbkZldGNobQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

#### Example Request4:

```

POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx",
      "billingTn": "1234567899",
      "termTn": "1234567890",
      "dno": "N"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}

```

#### Example Response4:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": { "tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",
    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "billingTn": "1234567899",
    "termTn": "1234567890",
    "dno": "N",
    "tnFeature": {

```

```

"callerId": {
  "callingName": "Harry Fuzz", "cnamDip": "N",
},
"messaging": {
  "messageClass": "P2P",
  "messageType": "SMS"
},
"e911": {
  "name": "James Holden",
  "origStreetNum": "550",
  "origStreetInfo": "W Adams St",
  "origLocation": "9th floor",
  "origCity": "Chicago",
  "origState": "IL",
  "origPostalCode": "60661",
  "e911ActivateDate": "2016-07-29T13:48:13.000Z",
  "e911ActivateUser": "Test User",
  "e911TnStatus": "In Service"
}
}
}},
"page": "1",
"totalPages": "7676",
"totalItems": "7676",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0WVjNESnZxZ1JSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

## Update Active Toll-Free Number Routing

POST /tfUpdate

This operation allows you to update routing on your active (In Service) toll-free numbers.

| Value                  | Description                                                                                                                                                                                    | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                                                                                                  | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                              | No       |
| tnList                 | Contains active toll-free number(s) to update                                                                                                                                                  | Yes      |
| tnItem                 | Contains active toll-free number(s) to update                                                                                                                                                  | Yes      |
| tn                     | Ten-digit toll-free number to update (e.g. 8886680000)                                                                                                                                         | Yes      |
| termTn                 | Ten-digit Term TN (e.g. 8886681234)                                                                                                                                                            | No       |
| routingLabel           | New routing option to assign the toll-free number; use the <a href="#">routingLabelSearchAssigned</a> and <a href="#">routingLabelDetail</a> operations to view your toll-free routing options | Yes*     |

### Response:

| Parameter | Description                                            | Type   |
|-----------|--------------------------------------------------------|--------|
| status    | Indicates whether the API call was successful. Values: | String |

|            | Success or Failure                                                                                             |        |
|------------|----------------------------------------------------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                                                               | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                                | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                          | String |
|            | 408 - Private Key cannot be blank.                                                                             | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                              | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , }, { , > , = , ], [ , ! | String |
|            | 418 - Character limit is exceeded for:customerOrderReference                                                   | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                           | String |
|            | 414 - tnNote must not exceed 4000 characters for TN/s:                                                         | String |
|            | 425 - Error Message:(String)                                                                                   | String |
|            | 410 - DB Error:(Database Error)                                                                                | String |

\*routingLabel is not required if termTn is present in the request for switched toll free is enabled.

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654,
        "routingLabel": "NTNYC-690-8XX-124"
      },
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124"
      }
    ]
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026473"
}
```

## Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654,
        "termTn": "3322445566"
      },
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124"
      }
    ]
  }
}
```

## Example Response2:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026474"
}
```

## Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124",
        "termTn": "3322445566"
      }
    ]
  }
}
```

## Example Response3:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either Term TN or Route Label for TN/s:[8663489655]",
  "statusCode": "409"
}
```

```
}
```

**Example Request4:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "termTn": "22445566"
      }
    ]
  }
}
```

**Example Response4:**

```
HTTP/1.1 200 OK
{
  "status": " Invalid Input Parameters:Term TN must be 10 digits for TN/s:[ 8663489655]",
  "statusCode": "409"
}
```

**Example Request5:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "termTn": "1122445566"
      }
    ]
  }
}
```

**Example Response5:**

```
HTTP/1.1 200 OK
{
  "status": " Switched Toll Free is not enabled",
  "statusCode": "420"
}
```

## Disconnect Toll-free Number

POST /tfDisconnect

This operation allows you to disconnect active (In Service) toll-free numbers assigned to your company.

| Value                  | Description                                                | Required |
|------------------------|------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application              | Yes      |
| customerOrderReference | Alphanumeric order reference name                          | No       |
| tnList                 | Contains active toll-free number(s) to disconnect          | Yes      |
| tnItem                 | Contains active toll-free number(s) to disconnect          | Yes      |
| TN                     | Ten-digit toll-free number to disconnect (e.g. 8886680000) | Yes      |

| Parameter  | Description                                                                                                      | Type   |
|------------|------------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                        | String |
| statusCode | 200 - Successful                                                                                                 | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                                  | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                            | String |
|            | 408 - Private Key cannot be blank.                                                                               | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                                | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = , ] , [ , ! | String |
|            | 418 - Character limit is exceeded for:customerOrderReference                                                     | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                             | String |
|            | 414 - tnNote must not exceed 4000 characters for TN/s:                                                           | String |
|            | 425 - Error Message:(String)                                                                                     | String |
|            | 410 - DB Error:(Database Error)                                                                                  | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDisconnect HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrder09",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654
      },
      {
        "tn": 8663489655
      }
    ]
  }
}
```

```
}  
  ]  
}  
}
```

**Example Response:**

```
HTTP/1.1 200 OK  
{  
  "status": "Success",  
  "statusCode": "200",  
  "orderId": "1026473"  
}
```

## Add, Update, or Remove Active Toll-Free Number Feature

POST /tfFeatureOrder

This operation allows you to add, update, or remove features for all TFNs. This includes support for TFNs purchased directly from Inteliquent as well as TFNs purchased from other providers. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response.

| Value                  | Description                                                                                                       | Required |
|------------------------|-------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                     | Yes      |
| tfFeatureOrder         | Contains order information                                                                                        | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                 | No       |
| tnList                 | Contains requested telephone number(s)                                                                            | Yes      |
| tnItem                 | Contains requested telephone number(s)                                                                            | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000)                                                            | Yes      |
| tnFeature              | Contains feature updates for the telephone number                                                                 | Yes      |
| callerId               | Changes to caller ID (CNAM)                                                                                       | No       |
| callingName            | New or updated outbound caller ID storage name; 15 characters or fewer and should have at least 1 alpha character | No       |
| removeTnFeature        | Enter Y to remove active outbound caller ID storage (LIDB) from the telephone number                              | No       |
| cnamDip                | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                         | No       |
| e911                   | Changes to E911 information                                                                                       | No       |
| name                   | New or updated E911 first and last name                                                                           | No       |
| origStreetNum          | New or updated E911 address street number (e.g. 100, 550)                                                         | No       |
| origStreetInfo         | New or updated E911 address street information (e.g. W Adams St)                                                  | No       |
| origLocation           | New or updated E911 address location (e.g. Suite 900)                                                             | No       |
| origCity               | New or updated E911 address city                                                                                  | No       |
| origState              | New or updated E911 address state                                                                                 | No       |
| origPostalCode         | New or updated E911 address zip code                                                                              | No       |
| origPostalCodePlusFour | E911 address zip code plus four                                                                                   | No       |
| removeTnFeature        | Enter Y to remove E911 from the number                                                                            | No       |
| messaging              | Changes to messaging services                                                                                     | No       |
| messageClass           | New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX                                         | No       |
| messageType            | New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and                        | No       |

|                 |                                                                                                       |    |
|-----------------|-------------------------------------------------------------------------------------------------------|----|
|                 | SMSMMS_ALT                                                                                            |    |
| netNumberId     | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No |
| removeTnFeature | Enter Y to remove active text messaging services                                                      | No |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |
|            | 414 - tnNote must not exceed 4000 characters for TN/s:                    | String |
|            | 425 - Error Message:(String)                                              | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 422 - Order quantity limit is 10,000 numbers.                             | String |
|            | 414 - (Required Fields)                                                   | String |
|            | 414 - Toll Free Messaging is not enabled                                  | String |
|            | 425 - Error Message:(Error String)                                        | String |

**P.S.** For “name” & “location” parameters all printable ASCII characters are allowed.

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfFeatureOrder": {
    "customerOrderReference": "TestOrder04",
    "tnList": {
      "tnItem": [
        {
          "tnFeature": {
            "callerId": {
              "removeTnFeature": "Y"
            },
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMS"
            }
          }
        }
      ]
    }
  }
}
```

```

    "tn": 3124795863,
    "tnFeature": {
      "callerId": {
        "callingName": "caller name"
      },
      "e911": {
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661",
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",
        "e911ActivateUser": "Test User",
        "e911TnStatus": "In Service"
      }
    }
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026472"
}

```

## Retrieve CNAM Storage Toll Numbers

POST /tfFeatureCNamList

This operation allows you to retrieve a list of numbers with CNAM storage configured for display on outbound calls (LIDB).

| Parameter  | Description                                                                                                        | Required |
|------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

|                                    |        |
|------------------------------------|--------|
| 408 - Private Key cannot be blank. | String |
| 430 - No Result Found              | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureCNameList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 9726947096,
        "callingName": "Name"
      }
    ]
  }
}
```

## Retrieve Messaging Toll-free Numbers

POST /tfFeatureMessageList

This operation allows you to retrieve a list of toll-free numbers with messaging configured.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureMessageList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 2017012042,
        "messageClass": "P2P",
        "messageType": "SMS",
        "netNumberId": "1234",
        "altSpid": "1234"
      },
      {
        "tn": 2022925536,
        "messageClass": "P2P",
        "messageType": "SMS"
      }
    ]
  }
}
```

## Retrieve E911 Toll-free Numbers

POST /tfFeatureE911List

This operation allows you to retrieve a list of toll-free numbers with E911 configured.

| Parameter  | Description                                                                               | Required |
|------------|-------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                             | Yes      |
| tnMask     | Ten-digit telephone number; enter x as wildcard (e.g. 844xxxxxxx, xxx4xxxxx1, xxxxxxxxxx) | No       |

## Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |

## 430 - No Result Found

String

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "844xxxxxxx"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {"tfFeatureItem": [
    {
      "tn": 9726947096,
      "name": "test iqnt",
      "origStreetNum": "550",
      "origStreetInfo": "w adams",
      "origLocation": "ste 900",
      "origCity": "chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    },
    {
      "tn": 2404540119,
      "name": "test",
      "origStreetNum": "123",
      "origStreetInfo": "test",
      "origLocation": "",
      "origCity": "chi",
      "origState": "IL",
      "origPostalCode": "60657",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    }
  ]}
}
```

}

## Toll-free Dnis Update

POST /tfDnis

This operation allows you to update dnis for toll-free numbers.

| Value                  | Description                                            | Required |
|------------------------|--------------------------------------------------------|----------|
| privateKey             | API key required to validate your application          | Yes      |
| tfDnis                 | Contains tfDnis details                                | Yes      |
| customerOrderReference | Alphanumeric order reference name                      | No       |
| tnList                 | Contains requested telephone number(s)                 | Yes      |
| tnItem                 | Contains requested telephone number(s)                 | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000) | Yes      |
| dnis                   | Contains updated dnis value for TNs.                   | No*      |
| removeDnis             | Enter Y to remove dnis from TN                         | No*      |

### Response:

| Parameter  | Description                                                                                             | Type   |
|------------|---------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                               | String |
| statusCode | 200 - Successful                                                                                        | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                         | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                   | String |
|            | 408 - Private Key cannot be blank.                                                                      | String |
|            | 432 - TN Excluded                                                                                       | String |
|            | 425 - Partial Success                                                                                   | String |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                            | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =, ], [, ! | String |
|            | 422 - Order quantity limit is 100,000 numbers.                                                          | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                    | String |
|            | 409 - Invalid ForwardTo submitted for TN/s:(Tn List)                                                    | String |
|            | 425 - Error Message:                                                                                    | String |
|            | 410 - DB Error:(Database Error)                                                                         | String |

\* Either dnis should be set or removeDnis should be set to 'Y'

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfDnis": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8156680000",
          "dnis": "1234567980"
        },
        {
          "tn": "8156681234",
          "removeDnis": "Y"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Toll-free BTN Update

POST /tfBtn

This operation allows you to update billing tn for toll-free numbers.

| Value                      | Description                                            | Required |
|----------------------------|--------------------------------------------------------|----------|
| privateKey                 | API key required to validate your application          | Yes      |
| tfBtn                      | Contains tfBtn details                                 | Yes      |
| customerOrder<br>Reference | Alphanumeric order reference name                      | No       |
| tnList                     | Contains requested telephone number(s)                 | Yes      |
| tnItem                     | Contains requested telephone number(s)                 | Yes      |
| tn                         | Ten-digit telephone number requested (e.g. 8156680000) | Yes      |
| billingTn                  | Contains updated ten digit billing TN value for TNs.   | No*      |
| removeBillingTn            | Enter Y to remove billing tn from TN                   | No*      |

\* Either billingTn should be set or removeBillingTn should be set to 'Y'

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfBtn HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfBtn": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8156680000",
          "billingTn": "1234567980"
        },
        {
          "tn": "8156681234",
          "removeBillingTn": "Y"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfBtn HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfBtn": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8334402419"
        }
      ]
    }
  }
}
```

## Example Response2:

```
HTTP/1.1 200 OK
{
  "status": " Either Billing TN should be set or removeBillingTn should be set to 'Y' for TN/s[8334402419]",
  "statusCode": "409"
}
```

## Request TollFree TN

POST /tfRequest

This operation allows you to request numbers be added to inventory.

### Request:

| Parameter              | Description                                                                                                        | Required |
|------------------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                  | No       |
| desiredDueDate         | Desired Date for the tfns                                                                                          | Yes*     |
| quantity               | Required number of tns                                                                                             | Yes      |
| routingLabel           | Routing option to be assigned to tns                                                                               | No       |
| respOrgId              | RespOrg Identifier                                                                                                 | No       |

*Note: Desired due date must be after 3 business days if quantity is more than 100 tns, other wise it must be after next business day.*

### Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 425 - Error Message:                                                  | String |
|            | 410 - DB Error:(Database Error)                                       | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|            | 411 - Unknown Error                                                   | String |
| status     | Indicates whether the API call was successful or failure              | String |
| orderId    | Order Id for the request                                              | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "abcsdsd88246"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{  "status": "Success",
   "statusCode": "200",
   "orderId": "3212323"
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-12",
   "quantity": 101
}
```

## Example Response:

```
HTTP/1.1 200 OK
{  "status": " Invalid Input Parameters: desiredDueDate must be on or after 13-May-2022 (3
   business days).",
   "statusCode": "409"
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-07",
   "quantity" : 1
}
```

## Example Response:

```
HTTP/1.1 200 OK
{  "status": " Invalid Input Parameters:desiredDueDate must be on or after 10-May-2022 (next
   business day).",
   "statusCode": "409"
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-07"
```

}

#### Example Response:

```
HTTP/1.1 200 OK
{ "status": " Fields Are Required:quantity.",
  "statusCode": "414"
}
```

## Moving TFNs between Accounts

The following API call allows you to move toll free numbers between associated accounts of a given company. *Note: This setup is done by Customer Success Teams to enable the move feature on the back end.*

- [POST /tfMove](#)

#### Request:

| Value                  | Description                                                                                                                                                                           | Required |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                                                                                         | Yes      |
| tfMove                 | Contains order information                                                                                                                                                            | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                     | No       |
| tnList                 | Contains requested telephone number(s)                                                                                                                                                | Yes      |
| tnItem                 | Contains requested telephone number(s)                                                                                                                                                | Yes      |
| tn                     | Ten-digit telephone number to be moved (e.g. 8156680000)                                                                                                                              | Yes      |
| respOrgId              | Five character RespOrg ID for the toll-free number                                                                                                                                    | Yes      |
| routingLabel           | Routing option to assign the toll-free number; use <a href="#">routingLabelSearchAssigned</a> and <a href="#">routingLabelDetail</a> to view your company's toll-free routing options | Yes      |
| cicList                | Contains CIC(s) for the toll-free number                                                                                                                                              | No       |
| dnis                   | Dnis value for toll free number                                                                                                                                                       | No       |
| dnisOperation          | Options: preserve, remove. Default is remove.                                                                                                                                         | No       |
| tnNote                 | Optional note value to be stored on the number.                                                                                                                                       | No       |
| tnNoteOperation        | Options: preserve, remove. Default is remove.                                                                                                                                         | No       |
| forwardTo              | forward To number for toll free number                                                                                                                                                | No       |
| forwardToOperation     | Options: preserve, remove. Default is remove.                                                                                                                                         | No       |
| tnFeature              | List of tn features to be carried over                                                                                                                                                | No       |
| callerId               |                                                                                                                                                                                       | No       |
| callingNameOperation   | Options: preserve, remove. Default is remove.                                                                                                                                         | No       |
| cnamDipOperation       | Options: preserve, remove. Default is remove.                                                                                                                                         | No       |
| callingName            | Caller ID display name; 15 characters or fewer                                                                                                                                        | No       |

|                         |                                                                           |        |
|-------------------------|---------------------------------------------------------------------------|--------|
|                         | and should have at least 1 alpha character                                |        |
| cnamDip                 | CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N | No**   |
| e911                    |                                                                           | No     |
| operation               | Options: preserve, remove. Default is remove.                             | No     |
| name                    | E911 first and last name                                                  | No***  |
| origStreetNum           | E911 address street number (e.g. 100, 550)                                | No***  |
| origStreetInfo          | E911 address street information (e.g. W Adams St)                         | No***  |
| origLocation            | E911 address location (e.g. Suite 900)                                    | No     |
| origCity                | E911 address city                                                         | No***  |
| origState               | E911 address state                                                        | No***  |
| origPostalCode          | E911 address zip code                                                     | No***  |
| origPostalCode PlusFour | E911 address zip code plus four                                           | No     |
| messaging               |                                                                           | No     |
| operation               | Options: preserve, remove. Default is remove.                             | No     |
| messageClass            | Acceptable values is A2P8XX                                               | No**** |
| messageType             | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT   | No**** |

\*\*Will be set to value stored in [accountDefaultDetail](#) if not sent

\*\*\*Required if tnFeature contains e911 and operation is update

\*\*\*\*Required if tnFeature contains messaging and operation is update

#### Response:

| Parameter  | Description                                                                                             | Type   |
|------------|---------------------------------------------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                                                        | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                         | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                   | String |
|            | 408 - Private Key cannot be blank.                                                                      | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                       |        |
|            | 432 - TN Excluded                                                                                       | String |
|            | 425 - Partial Success                                                                                   | String |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                            | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =, ], [, ! | String |
|            | 422 - Maximum item quantity (5,000) has been exceeded..                                                 | String |

|                                                          |        |
|----------------------------------------------------------|--------|
| 409 - Invalid TN submitted:(Tn List)                     | String |
| 409 - Invalid ForwardTo submitted for TN/s:(Tn List)     | String |
| 425 - Error Message:(Some Error)                         | String |
| 410 - DB Error:(Database Error)                          | String |
| 420 - Tn Move is not enabled                             | String |
| 414 - ciclist for TN:(Tn List)                           | String |
| 430 - No Result Found                                    | String |
| 414 - routingLabel for TNs:(Tn List)                     | String |
| 418 - Character limit is exceeded for:(Fields)           | String |
| 412 - Invalid Routing-Label submitted for:(Tn List)      | String |
| 409 - Invalid TN submitted: Must be of 10 Digits         | String |
| 426 - Account not 911-enabled, remove e911 from request. | String |
| 419 - Error Occurred: (Some Error)                       | String |
| 414 - Toll Free Messaging is not enabled                 | String |

#### Example Request – Move TFN between accounts:

```
POST https://services.inteliquent.com/Services/1.0.0/tfMove HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfMove": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8445161531",
          "resporgId": "ABC45",
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnisOperation": "preserve",
          "tnNoteOperation": "preserve",
          "forwardToOperation": "preserve",
          "tnFeature": {
            "callerId": {
              "callingNameOperation": "preserve",
              "cnamDipOperation": "preserve"
            },
            "e911": {
              "operation": "preserve"
            },
            "messaging": {
              "operation": "preserve"
            }
          }
        }
      ]
    }
  }
}
```

```

    }
  },
  {
    "tn": "8335161532",
    "resporgId": "ABC45",
    "routingLabel": "NTNYC-690-8XX-123",
    "cicList": {
      "cic": [ "0913", "0222", "0432" ]
    },
    "dnisOperation": "remove",
    "tnNoteOperation": "remove",
    "forwardToOperation": "remove",
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "remove",
        "cnamDipOperation": "remove"
      },
      "e911": {
        "operation": "remove"
      },
      "messaging": {
        "operation": "remove"
      }
    }
  },
  {
    "tn": "8555161533",
    "resporgId": "ABC45",
    "routingLabel": "NTNYC-690-8XX-123",
    "cicList": {
      "cic": [ "0913", "0222", "0432" ]
    },
    "dnisOperation": "update",
    "dnis": "8441234567",
    "tnNoteOperation": "update",
    "tnNote": "test note",
    "forwardToOperation": "update",
    "forwardTo": "8223456789",
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "update",
        "cnamDipOperation": "update",
        "callingName": "J Blues", "cnamDip": "Y"
      },
      "e911": {
        "operation": "update",
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661"
      },
      "messaging": {
        "operation": "update",
        "messageClass": "A2P8XX",
        "messageType": "SMS"
      }
    }
  }
}

```

```
}
  ]
}
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1534971
}
```

## Search Toll-Free RespOrg

**POST /tfRespOrg**

This operation allows you to retrieve customer resporg on a toll-free number.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| tnList     | Contains one or more tns                      | Yes      |
| tnItem     | Contains one or more tns                      | Yes      |
| tn         | Ten-digit toll-free number; (e.g. 8771234567) | Yes      |

#### Response:

| Parameter  | Description                                                                                                                                                                                                              | Type   |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| statusCode | Possible Values:<br>200: Success<br>414: Private Key cannot be blank.<br>414: No. of TNs exceed limit of 100 per request<br>430: No results found<br>431: Unable to complete the request at the moment, please try again | String |
| status     | Indicates whether the API call was successful or failure                                                                                                                                                                 | String |
| tnList     | Contains one or more tns                                                                                                                                                                                                 | Object |
| tnItem     | Contains one or more tns                                                                                                                                                                                                 | Array  |
| tn         | Ten-digit toll-free number; (e.g. 8771234567)                                                                                                                                                                            | String |
| respOrgId  | Customer RespOrgId for given toll free number                                                                                                                                                                            | String |

## Example Request1:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRespOrg HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "8445161531"
      },
      {
        "tn": "8445161532"
      }
    ]
  }
}
```

## Example Response1:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": 8445161531,
        "respOrgId": "QYR01"
      },
      {
        "tn": 8445161532,
        "respOrgId": "QYR02",
      }
    ]
  }
}
```

## Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRespOrg HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response2:

```
HTTP/1.1 200 OK
{
  "status": "Fields Are Required:tnList",
  "statusCode": "414"
}
```

## Toll-Free DNO Update

POST /tfDno

This operation allows you to update do not originate setting on a toll-free number.

| Parameter  | Description                                                                    | Required |
|------------|--------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                  | Yes      |
| tnList     | Contains one or more tns                                                       | Yes      |
| tnItem     | Contains one or more tns                                                       | Yes      |
| tn         | Ten-digit toll-free number; (e.g. 8771234567)                                  | Yes      |
| dno        | Update Do Not Originate value for the Tn Number; acceptable values are Y and N | Yes      |

Response:

Response:

| Parameter  | Description                                                               | Type    |
|------------|---------------------------------------------------------------------------|---------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String  |
| statusCode | 200 - Successful                                                          | String  |
|            | 408 - Private Key cannot be blank.                                        | String  |
|            | 409 -Invalid TN submitted: (Tn List                                       | String  |
|            | 410 -DB Error                                                             | String  |
|            | 414 – Fields are required                                                 |         |
|            | 431 - Unable to complete the request at the moment, please try again.     | String  |
|            | 430 - No Result Found                                                     | String  |
|            | 432- TN Excluded                                                          | String  |
| OrderId    | Order ID                                                                  | Integer |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDno HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "8445161531",
        "dno": "Y"
      },
      {
        "tn": "8445161532",
        "dno": "Y"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1740821"
}
```

## Advanced Call Route

The following API calls allow you to create, update and provide information regarding Advanced Call Route Plans:

- [POST /advancedCallRouteServiceAreas](#)
- [POST /advancedCallRouteServiceLocations](#)
- [POST /advancedCallRouteTimeZones](#)
- [POST /timeProfile](#)
- [POST /timeProfileList](#)
- [POST /timeProfileDetail](#)
- [POST /timeProfileSpecialDay](#)
- [POST /timeProfileSpecialDayList](#)
- [POST /timeProfileSpecialDayDetail](#)
- [POST /advancedCallRoutePlan](#)
- [POST /advancedCallRoutePlanList](#)
- [POST /advancedCallRoutePlanDetail](#)
- [POST /advancedCallRoutePlanRemove](#)

## Advanced Call Route Service Area List

POST /advancedCallRouteServiceAreas

This operation allows you to get a list of service areas for advanced call route.

**Request:**

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |

**Response:**

| Parameter                     | Description                                                           | Type   |
|-------------------------------|-----------------------------------------------------------------------|--------|
| statusCode                    | 200 - Successful                                                      | String |
|                               | 414 - Fields Are Required:(All Required Fields)                       | String |
|                               | 431 - Unable to complete the request at the moment, please try again. | String |
|                               | 408 - Private Key cannot be blank.                                    | String |
| status                        | Indicates the actual error that occurred.                             | String |
| advancedCallRouteServiceAreas | List of service areas                                                 | List   |

|                |                            |        |
|----------------|----------------------------|--------|
| serviceAreaRef | Reference for service area | String |
| name           | Name of service area       | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteServiceAreas HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteServiceAreas": [
    {
      "serviceAreaRef": "US",
      "name": "All US"
    },
    {
      "serviceAreaRef": "US-EAST",
      "name": "US East"
    },
    {
      "serviceAreaRef": "US-WEST",
      "name": "US West"
    },
    {
      "serviceAreaRef": "CANADA",
      "name": "Canada"
    },
    {
      "serviceAreaRef": "PACIFIC",
      "name": "Pacific Islands"
    },
    {
      "serviceAreaRef": "CARIBBEAN",
      "name": "Carribean"
    }
  ]
}
```

## Advanced Call Route Service Location List

POST /advancedCallRouteServiceLocations

This operation allows you to get a list of service locations for advanced call route.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |

### Response:

| Parameter                         | Description                                                           | Type   |
|-----------------------------------|-----------------------------------------------------------------------|--------|
| statusCode                        | 200 - Successful                                                      | String |
|                                   | 414 - Fields Are Required:(All Required Fields)                       | String |
|                                   | 431 - Unable to complete the request at the moment, please try again. | String |
|                                   | 408 - Private Key cannot be blank.                                    | String |
| status                            | Indicates the actual error that occurred.                             | String |
| advancedCallRouteServiceLocations | List of service locations                                             | List   |
| serviceAreaRef                    | Reference for service area                                            | String |
| state                             | 2 letter code for the location                                        | String |
| name                              | Name of the location                                                  | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteServiceLocations
HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteServiceLocations": [
    {
      "serviceAreaRef": "US-EAST",
      "state": "AL",
      "name": "Alabama"
    },
    {
      "serviceAreaRef": "US-EAST",
      "state": "CT",
      "name": "Connecticut"
    }
  ],
}
```

```
{
  "serviceAreaRef": "US-EAST",
  "state": "DE",
  "name": "Delaware"
},
{
  "serviceAreaRef": "US-EAST",
  "state": "FL",
  "name": "Florida"
},
{
  "serviceAreaRef": "US-EAST",
  "state": "GA",
  "name": "Georgia"
}
]
```

## Advanced Call Route Time Zone List

POST /advancedCallRouteTimeZones

This operation allows you to get a list of time zones for advanced call route.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |

### Response:

| Parameter                  | Description                                                           | Type   |
|----------------------------|-----------------------------------------------------------------------|--------|
| statusCode                 | 200 - Successful                                                      | String |
|                            | 414 - Fields Are Required:(All Required Fields)                       | String |
|                            | 431 - Unable to complete the request at the moment, please try again. | String |
|                            | 408 - Private Key cannot be blank.                                    | String |
| status                     | Indicates the actual error that occurred.                             | String |
| advancedCallRouteTimeZones | List of service locations                                             | List   |
| timeZoneRef                | Reference for time zone                                               | String |
| timeZone                   | Name of the time zone                                                 | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteTimeZones HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteTimeZones": [
    {
      "timeZoneRef": "2",
      "timeZone": "United States/Eastern"
    },
    {
      "timeZoneRef": "3",
      "timeZone": "United States/Central"
    },
    {
      "timeZoneRef": "4",
      "timeZone": "United States/Mountain"
    }
  ]
}
```

```

    "timeZoneRef": "5",
    "timeZone": "United States/Pacific"
  },
  {
    "timeZoneRef": "6",
    "timeZone": "United States/Alaska"
  },
  {
    "timeZoneRef": "8",
    "timeZone": "United States/Arizona"
  },
  {
    "timeZoneRef": "9",
    "timeZone": "United States/East Indiana"
  },
  {
    "timeZoneRef": "10",
    "timeZone": "United States/Hawaii"
  },
  {
    "timeZoneRef": "29",
    "timeZone": "Canada/Atlantic"
  },
  {
    "timeZoneRef": "87",
    "timeZone": "Puerto Rico (GMT-4)"
  }
]
}

```

## Create Time Profile for Advanced Call Route

POST /timeProfile

This operation allows you to create time profile for advanced call route.

### Request:

| Parameter       | Description                                                                                           | Required |
|-----------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey      | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeprofile     | Contains time profile details                                                                         | Yes      |
| timeProfileName | Name of the time profile                                                                              | Yes      |
| timeZone        | Name of the time zone to be associated with this profile                                              | Yes      |
| schedule        | Contains time profile ranges for each day of the week                                                 | Yes      |
| <day of week>   | Day of week for which the time range is applicable                                                    | Yes      |
| startHour       | Start hour of the time range                                                                          | Yes      |
| startMinute     | Start minute of the time range                                                                        | Yes      |
| endHour         | End hour of the time range                                                                            | Yes      |
| endMinute       | End minute of the time range                                                                          | Yes      |

**Response:**

| Parameter     | Description                                                           | Type    |
|---------------|-----------------------------------------------------------------------|---------|
| statusCode    | 200 - Successful                                                      | String  |
|               | 414 - Fields Are Required:(All Required Fields)                       | String  |
|               | 431 - Unable to complete the request at the moment, please try again. | String  |
|               | 408 - Private Key cannot be blank.                                    | String  |
|               | 420 - Advanced Call Route is not enabled                              | String  |
|               | 410 - DB Error:(Database Error)                                       | String  |
| status        | Indicates the actual error that occurred.                             | String  |
| timeProfileId | Time profile Id for the created time profile                          | Integer |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfile HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfile": {
    "timeProfileName": "Test Profile 20220325 - 1",
    "timeZone": "United States/Central",
    "schedule": {
      "monday": [
        {
          "startHour": 1,
          "startMinute": 0,
          "endHour": 15,
          "endMinute": 30
        }
      ]
    }
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfileId": 10461
}
```

## Advanced Call Route Time Profile List

POST /timeProfileList

This operation allows you to get a list of time profiles.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeZone   | Name of time zone for which time profiles are requested                                               | No       |

### Response:

| Parameter       | Description                                                           | Type    |
|-----------------|-----------------------------------------------------------------------|---------|
| statusCode      | 200 - Successful                                                      | String  |
|                 | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                 | 431 - Unable to complete the request at the moment, please try again. | String  |
|                 | 408 - Private Key cannot be blank.                                    | String  |
|                 | 420 - Advanced Call Route is not enabled                              | String  |
| status          | Indicates the actual error that occurred.                             | String  |
| timeProfiles    | List of time profiles                                                 | List    |
| timeProfileId   | Id of the time profile                                                | Integer |
| timeProfileName | Name of the time profile                                              | String  |
| timeZoneRef     | Reference for time zone                                               | String  |
| timeZone        | Name of the time zone                                                 | String  |
| Status          | Status of time profile                                                | String  |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeZone": "United States/Central"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfiles": [
    {
      "timeProfileId": 2001,
      "timeProfileName": "THE_CUST_ASSIGNED_NAME",
      "timeZone": "United States/Central",

```

```

    "timeZoneRef": "3",
    "status": "Active"
  }
]
}

```

## Advanced Call Route Time Profile Detail

POST /timeProfileDetail

This operation allows you to get details about time profile

### Request:

| Parameter     | Description                                                                                           | Required |
|---------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey    | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeProfileId | Id for the time profile                                                                               | Yes      |

### Response:

| Parameter       | Description                                                           | Type    |
|-----------------|-----------------------------------------------------------------------|---------|
| statusCode      | 200 - Successful                                                      | String  |
|                 | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                 | 431 - Unable to complete the request at the moment, please try again. | String  |
|                 | 408 - Private Key cannot be blank.                                    | String  |
|                 | 420 - Advanced Call Route is not enabled                              | String  |
| status          | Indicates the actual error that occurred.                             | String  |
| timeprofile     | Contains time profile details                                         | Object  |
| timeProfileName | Name of the time profile                                              | String  |
| timeZone        | Name of the time zone to be associated with this profile              | String  |
| schedule        | Contains time profile ranges for each day of the week                 | List    |
| <day of week>   | Day of week for which the time range is applicable                    | Object  |
| startHour       | Start hour of the time range                                          | Integer |
| startMinute     | Start minute of the time range                                        | Integer |
| endHour         | End hour of the time range                                            | Integer |
| endMinute       | End minute of the time range                                          | Integer |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfileId": 2001
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfile": {
    "timeProfileId": 2001,
    "timeProfileName": "THE_CUST_ASSIGNED_NAME",
    "timeZone": "United States/Central",
    "schedule": {
      "monday": [
        {
          "startHour": 0,
          "startMinute": 0,
          "endHour": 1,
          "endMinute": 30
        },
        {
          "startHour": 20,
          "startMinute": 0,
          "endHour": 22,
          "endMinute": 0
        }
      ]
    }
  }
}
```

## Create Special Day Time Profile for Advanced Call Route

**POST /timeProfileSpecialDay**

This operation allows you to create special day time profile for advanced call route.

**Request:**

| Parameter             | Description                                                                                           | Required |
|-----------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey            | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeProfileSpecialDay | Contains time profile details                                                                         | Yes      |
| timeProfileName       | Name of the time profile                                                                              | Yes      |
| timeZone              | Name of the time zone to be associated with this profile                                              | Yes      |
| specialDaySchedules   | Contains time profile ranges for each day                                                             | Yes      |

|       |                            |     |
|-------|----------------------------|-----|
| year  | Year for the time profile  | Yes |
| month | Month for the time profile | Yes |
| day   | Day for the time profile   | Yes |

**Response:**

| Parameter     | Description                                                           | Type    |
|---------------|-----------------------------------------------------------------------|---------|
| statusCode    | 200 - Successful                                                      | String  |
|               | 414 - Fields Are Required:(All Required Fields)                       | String  |
|               | 431 - Unable to complete the request at the moment, please try again. | String  |
|               | 408 - Private Key cannot be blank.                                    | String  |
|               | 420 - Advanced Call Route is not enabled                              | String  |
|               | 410- DB Error : (Database Error)                                      | String  |
| status        | Indicates the actual error that occurred.                             | String  |
| timeProfileId | Time profile Id for the created time profile                          | Integer |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDay HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfileSpecialDay": {
    "timeProfileName": "Test Profile 20220315 - special day - 1",
    "timeZone": "United States/Central",
    "specialDaySchedules": [
      {
        "year": 2022,
        "month": 1,
        "day": 1
      }
    ]
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfileId": 10461
}
```

## Advanced Call Route Special Day Time Profile List

POST /timeProfileSpecialDayList

This operation allows you to get a list of special day time profiles.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeZone   | Name of time zone for which time profiles are requested                                               | No       |

### Response:

| Parameter       | Description                                                           | Type    |
|-----------------|-----------------------------------------------------------------------|---------|
| statusCode      | 200 - Successful                                                      | String  |
|                 | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                 | 431 - Unable to complete the request at the moment, please try again. | String  |
|                 | 408 - Private Key cannot be blank.                                    | String  |
|                 | 420 - Advanced Call Route is not enabled                              | String  |
| status          | Indicates the actual error that occurred.                             | String  |
| timeProfiles    | List of time profiles                                                 | List    |
| timeProfileId   | Id of the time profile                                                | Integer |
| timeProfileName | Name of the time profile                                              | String  |
| timeZoneRef     | Reference for time zone                                               | String  |
| timeZone        | Name of the time zone                                                 | String  |
| Status          | Status of time profile                                                | String  |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDayList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeZone": "United States/Central"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfiles": [
    {
      "timeProfileId": 2001,
```

```

    "timeProfileName": "THE_CUST_ASSIGNED_NAME",
    "timeZone": "United States/Central",
    "timeZoneRef": "3",
    "status": "Active"
  }
]
}

```

## Advanced Call Route Special Day Time Profile Detail

POST /timeProfileSpecialDayDetail

This operation allows you to get details about time profile

### Request:

| Parameter     | Description                                                                                           | Required |
|---------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey    | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| timeProfileId | Id for the time profile                                                                               | Yes      |

### Response:

| Parameter           | Description                                                           | Type    |
|---------------------|-----------------------------------------------------------------------|---------|
| statusCode          | 200 - Successful                                                      | String  |
|                     | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                     | 431 - Unable to complete the request at the moment, please try again. | String  |
|                     | 408 - Private Key cannot be blank.                                    | String  |
|                     | 420 - Advanced Call Route is not enabled                              | String  |
| status              | Indicates the actual error that occurred.                             | String  |
| timeprofile         | Contains time profile details                                         | Object  |
| timeProfileName     | Name of the time profile                                              | String  |
| timeZone            | Name of the time zone to be associated with this profile              | String  |
| specialDaySchedules | Contains time profile ranges for each day                             | List    |
| year                | Year for the time profile                                             | Integer |
| month               | Month for the time profile                                            | Integer |
| day                 | Day for the time profile                                              | Integer |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDayDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfileId": 2001
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfile": {
    "timeProfileId": 2001,
    "timeProfileName": " THE_CUST_ASSIGNED_NAME",
    "timeZone": "United States/Central",
    "specialDaySchedules": [
      {
        "year": 2022,
        "month": 7,
        "day": 4
      }
    ]
  }
}
```

## Add Advanced Call Route Plan

POST /advancedCallRoutePlan

This operation allows you to add an advanced call route plan

### Request:

| Parameter             | Description                                                                                           | Required |
|-----------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey            | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| advancedCallRoutePlan | Contains advanced call route plan object                                                              | Yes      |
| routePlanName         | Name of route plan                                                                                    | Yes      |
| defaultRoutingLabel   | Default routing label for advanced call route plan                                                    | Yes      |
| routes                | List of routes                                                                                        | Yes      |
| routeName             | Name of the route                                                                                     | Yes      |
| routingLabel          | Routing label for the route                                                                           | Yes      |
| routeLocations        | List of service locations                                                                             | No       |
| timeProfile           | Contains time profile details                                                                         | Yes      |
| timeProfileId         | Id for time profile                                                                                   | No*      |
| timeProfileName       | Name of the time profile                                                                              | No*      |

|                     |                                                          |     |
|---------------------|----------------------------------------------------------|-----|
| timeZone            | Name of the time zone to be associated with this profile | No* |
| schedule            | Contains time profile ranges for each day of the week    | No* |
| <day of week>       | Day of week for which the time range is applicable       | No* |
| startHour           | Start hour of the time range                             | No* |
| startMinute         | Start minute of the time range                           | No* |
| endHour             | End hour of the time range                               | No* |
| endMinute           | End minute of the time range                             | No* |
| specialDayRoute     | List of special day route                                | No  |
| routingLabel        | Routing label for the route                              | Yes |
| timeProfile         | Contains time profile detail                             | No  |
| timeProfileId       | Id for time profile                                      | No* |
| timeZone            | Name of the time zone to be associated with this profile | No* |
| specialDaySchedules | Contains time profile ranges for each day                | No* |
| year                | Year for the time profile                                | No* |
| month               | Month for the time profile                               | No* |
| day                 | Day for the time profile                                 | No* |

\* Note: Either timeProfileId or timeProfile details must be present

#### Response:

| Parameter               | Description                                                           | Type    |
|-------------------------|-----------------------------------------------------------------------|---------|
| statusCode              | 200 - Successful                                                      | String  |
|                         | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                         | 431 - Unable to complete the request at the moment, please try again. | String  |
|                         | 408 - Private Key cannot be blank.                                    | String  |
|                         | 420 - Advanced Call Route is not enabled                              | String  |
| status                  | Indicates the actual error that occurred.                             | String  |
| advancedCallRoutePlanId | Id for advanced call route plan                                       | Integer |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlan HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "advancedCallRoutePlan": {
    "routePlanName": "Adv Call Route Plan",
    "defaultRoutingLabel": "API Rename RouteLabel 1",
    "routes": [
      {
        "routeName": "Test Route",
```

```

    "routingLabel": "NTCHI-2708-8XX-950",
    "routeLocations": [
      "IL",
      "NY"
    ],
    "timeProfile": {
      "timeProfileId": 10082
    }
  },
  "specialDayRoute": {
    "routingLabel": "NTCHI-2708-8XX-950",
    "timeProfile": {
      "timeProfileName": "Test Profile special day",
      "timeZone": "United States/Central",
      "specialDaySchedules": [
        {
          "year": 2022,
          "month": 4,
          "day": 1
        },
        {
          "year": 2022,
          "month": 5,
          "day": 1
        }
      ]
    }
  }
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlanId": 517
}

```

## Advanced Call Route Plan List

POST /advancedCallRoutePlanList

This operation allows you to list of advanced call route plan list.

#### Request:

| Parameter     | Description                                                                                           | Required |
|---------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey    | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| routePlanName | Full or partial route plan name to be used for search                                                 | No       |

**Response:**

| Parameter               | Description                                                           | Type    |
|-------------------------|-----------------------------------------------------------------------|---------|
| statusCode              | 200 - Successful                                                      | String  |
|                         | 414 - Fields Are Required:(All Required Fields)                       | String  |
|                         | 431 - Unable to complete the request at the moment, please try again. | String  |
|                         | 408 - Private Key cannot be blank.                                    | String  |
|                         | 420 - Advanced Call Route is not enabled                              | String  |
| status                  | Indicates the actual error that occurred.                             | String  |
| advancedCallRoutePlans  | Contains list of advanced call route plans                            | List    |
| advancedCallRoutePlanId | Id for advanced call route plan id                                    | Integer |
| routePlanName           | Name of the route plan                                                | String  |
| status                  | Status of the call route plan                                         | String  |
| tnCount                 | Number of TNs associated with this plan                               | Integer |
| createdDate             | Date on which route plan was created                                  | String  |
| createdUser             | User who created the route plan                                       | String  |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlans": [
    {
      "advancedCallRoutePlanId": 10,
      "routePlanName": "Test Route Plan name",
      "status": "Pending",
      "tnCount": 5,
      "createdDate": "2022-02-14",
      "createdUser": "api_user"
    }
  ]
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routePlanName": "RR Test"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlans": [
    {
      "advancedCallRoutePlanId": 10,
      "routePlanName": " RR Test Route Plan name",
      "status": "Pending",
      "tnCount": 5,
      "createdDate": "2022-02-14",
      "createdUser": "api_user"
    }
  ]
}
```

## Advanced Call Route Plan Detail

POST /advancedCallRoutePlanDetail

This operation allows you to list of advanced call route plan detail.

## Request:

| Parameter               | Description                                                                                           | Required |
|-------------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey              | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| advancedCallRoutePlanId | Id for advanced call route plan id                                                                    | Yes      |

## Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 420 - Advanced Call Route is not enabled                              | String |
| status     | Indicates the actual error that occurred.                             | String |

|                       |                                                          |         |
|-----------------------|----------------------------------------------------------|---------|
| advancedCallRoutePlan | Contains advanced call route plan object                 | Object  |
| routePlanName         | Name of route plan                                       | String  |
| defaultRoutingLabel   | Default routing label for advanced call route plan       | String  |
| routes                | List of routes                                           | List    |
| routeName             | Name of the route                                        | String  |
| routingLabel          | Routing label for the route                              | String  |
| routeLocations        | List of service locations                                | List    |
| timeProfile           | Contains time profile details                            | Object  |
| timeProfileId         | Id for time profile                                      | Integer |
| timeProfileName       | Name of the time profile                                 | String  |
| timeZone              | Name of the time zone to be associated with this profile | String  |
| schedule              | Contains time profile ranges for each day of the week    | List    |
| <day of week>         | Day of week for which the time range is applicable       | Object  |
| startHour             | Start hour of the time range                             | Integer |
| startMinute           | Start minute of the time range                           | Integer |
| endHour               | End hour of the time range                               | Integer |
| endMinute             | End minute of the time range                             | Integer |
| specialDayRoute       | List of special day route                                | List    |
| routingLabel          | Routing label for the route                              | String  |
| timeProfile           | Contains time profile detail                             | Object  |
| timeProfileId         | Id for time profile                                      | Integer |
| timeZone              | Name of the time zone to be associated with this profile | String  |
| specialDaySchedules   | Contains time profile ranges for each day                | List    |
| year                  | Year for the time profile                                | Integer |
| month                 | Month for the time profile                               | Integer |
| day                   | Day for the time profile                                 | Integer |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlan": {
    "advancedCallRoutePlanId": 461,
    "routePlanName": "Adv Call Route Plan",
    "defaultRoutingLabel": "RouteLabel 1",
    "timeZone": "United States/Eastern",
    "status": "Active",
    "createdDate": "2022-03-16",
    "createdUser": "api_user",
    "routes": [
      {
        "routeName": "Test Route",
        "routingLabel": "NTCHI-2708-8XX-950",
        "routeLocations": [
          "Illinois",
          "New York"
        ],
        "timeProfile": {
          "timeProfileId": 10082,
          "timeProfileName": "Test Profile Eastern",
          "timeZone": "United States/Eastern",
          "timeZoneRef": "2",
          "schedule": {
            "tuesday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ],
            "wednesday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ],
            "saturday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ],
            "sunday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ]
          }
        }
      }
    ]
  }
}
```

```

    }
  }
},
"specialDayRoute": {
  "routeName": "Special Day Route",
  "routingLabel": "NTCHI-2708-8XX-950",
  "timeProfile": {
    "timeProfileId": 10341,
    "timeProfileName": "Test Profile special day",
    "timeZone": "United States/Central",
    "specialDaySchedules": [
      {
        "year": 2022,
        "month": 7,
        "day": 4
      }
    ]
  }
}
}
}
}
}
}

```

## Remove Advanced Call Route Plan

POST /advancedCallRoutePlanRemove

This operation allows you to remove an advanced call route plan

### Request:

| Parameter               | Description                                                                                           | Required |
|-------------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey              | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| advancedCallRoutePlanId | Contains advanced call route plan id                                                                  | Yes      |

### Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 420 - Advanced Call Route is not enabled                              | String |
| status     | Indicates the actual error that occurred.                             | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlan HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "advancedCallRoutePlanId"="517"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Network

The following API calls allow you to view and update your assigned trunk groups:

- [POST /trunkGroupSearchAssigned](#)
- [POST /trunkGroupUpdate](#)
- [POST /trunkGroupSessionUpdate](#)
- [POST /switchLocationList](#)
- [POST /dtmfRelayList](#)
- [POST /customerLocationList](#)
- [POST /trunkGroupOrder](#)
- [POST /changeTrunkGroupOrder](#)
- [POST /trunkGroupOrderList](#)
- [POST /trunkGroupOrderDetail](#)
- [POST /testTrunkGroup](#)
- [POST /routingLabelSearchAssigned](#)
- [POST /routingLabelDetail](#)
- [POST /routingLabelUpdate](#)
- [POST /trunkGroupUtilization](#)
- [POST /messageDetailSearch](#)
- [POST /e911CallSearch](#)
- [POST /trunkGroupList](#)
- [POST /trunkGroupDetail](#)
- [POST /routingOptionList](#)
- [POST /routingOptionDetail](#)
- [POST /routingOption](#)

## Search Assigned Trunk Group

**POST /trunkGroupSearchAssigned**

This operation allows you to retrieve a list of your DID trunk groups with Inteliquent for use with [/tnOrder](#), [/tnUpdate](#), and [/portInOrder](#).

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

### Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 430 - No Result Found                                                        | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupNameList": [
    {
      "trunkGroupName": "CHCGIL24CL1_897"
    },
    {
      "trunkGroupName": "CHCGIL24CL1_898"
    }
  ]
}
```

## Change Trunk Group Name

**POST /trunkGroupUpdate**

This operation allows you to update the name of your company's assigned trunk groups.

Note: Use the updated trunk group name when placing a new telephone number, trunk group update, or port-in order.

| Value                 | Description                                                                           | Required |
|-----------------------|---------------------------------------------------------------------------------------|----------|
| privateKey            | API key required to validate your application                                         | Yes      |
| trunkGroupNameNew     | New display name trunk group; enter alphanumeric characters, space, and/or underscore | Yes      |
| trunkGroupNameCurrent | Current name of trunk group to be updated                                             | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |

|                                                   |        |
|---------------------------------------------------|--------|
| 408 - Private Key cannot be blank.                | String |
| 430 - No Result Found                             | String |
| 414 - Invalid value entered for:(Input Fields)    | String |
| 409 - Invalid Input Parameters:(All Input Fields) | String |
| 410 - DB Error:(Database Error)                   | String |
| 411 - Unknown Error                               | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupNameNew": "Main Trunk Group",
  "trunkGroupNameCurrent": "CHCGIL24CL1_897"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Update Trunk Group Session Count

POST /trunkGroupSessionUpdate

This operation allows you to update session count for your company's assigned trunk group. *Currently in Beta for internal use only.*

| Value                | Description                                                                  | Required |
|----------------------|------------------------------------------------------------------------------|----------|
| privateKey           | API key required to validate your application                                | Yes      |
| trunkGroupName       | Name of trunk group; enter alphanumeric characters, space, and/or underscore | Yes      |
| updateAction         | Session count update action. Accepted values: Increase or Decrease           | Yes      |
| updateSessionCountBy | Number of sessions to be increased or decreased.                             | Yes      |

#### Response:

| Parameter  | Description                                                               | Type             |
|------------|---------------------------------------------------------------------------|------------------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String           |
| statusCode | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)       | String<br>String |

|                                                                       |        |
|-----------------------------------------------------------------------|--------|
| 431 - Unable to complete the request at the moment, please try again. | String |
| 408 - Private Key cannot be blank.                                    | String |
| 430 - No Result Found                                                 | String |
| 414 - Invalid value entered for:(Input Fields)                        | String |
| 409 - Invalid Input Parameters:(All Input Fields)                     | String |
| 410 - DB Error:(Database Error)                                       | String |
| 411 - Unknown Error                                                   | String |
| 414 - TrunkGroup Session Update is not allowed for customer           | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupSessionUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC",
  "updateAction": "Increase",
  "updateSessionCountBy": 25
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12340,
  "message": "The session count update for this trunk group is now complete. For questions regarding this update, please contact customer support and reference Order ID"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Review",
  "statusCode": "425",
  "orderId": 12340,
  "message": "Your request to change session count for trunk group 'ABC' requires further review. For questions regarding this update, please contact customer support and reference Order ID."
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
}
```

```
"message": "There was a problem fulfilling your request. Please contact the customer support team for assistance."
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid value entered for: updateAction",
  "statusCode": "414"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input parameters: Invalid Trunk Group",
  "statusCode": "409"
}
```

## Retrieve IQNT Switch Location List

POST /switchLocationList

This operation allows you to retrieve a list of inteliquent switch locations for use with /trunkGroupOrder

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/switchLocationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "switchLocationList": [
    "Chicago IL",
    "Dallas TX"
  ]
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

## Retrieve DTMF Relay List

**POST** /dtmfRelayList

This operation allows you to retrieve a list of dtmf relay list for use with /trunkGroupOrder

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/dtmfRelayList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "dtmfRelayList": [
    "2833",
    "None = INBAND"
  ]
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

## Retrieve Customer Location List

**POST** /customerLocationList

This operation allows you to retrieve a list of assigned location list for use with /trunkGroupOrder.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerLocationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "customerLocationList": [
    "AGSTGAMTSY",
    "AHLNCOHX9Z",
    "ALBQNMMA4Y",
    "ALBYNYSSXC",
    "ALNAPAALGX",
    "ATLANTACONF",
    "ATLNGAQS08T",
    "ATLNGAQSDS8"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

## Order New Trunk Group

**POST** /trunkGroupOrder

This operation allows you to order new trunk group. *Currently in Beta for internal use only.*

| Value                     | Description                                   | Required |
|---------------------------|-----------------------------------------------|----------|
| privateKey                | API key required to validate your application | Yes      |
| trunkGroupOrder           | Contains order information                    | Yes      |
| trunkGroupType            | Trunk Group Type                              | Yes      |
| customerOrderReference    | Alphanumeric order reference name             | No       |
| inteliquentSwitchLocation | Inteliquent Switch Location Information       | Yes      |
| customerSwitchDescription | Customer Switch Description                   | No       |
| customerLocation          | Customer Location                             | No       |
| customerTrunkGroupNumber  | Customer Trunk Group Number                   | No       |
| customerTrunkGroupName    | Customer Trunk Group Name                     | No       |
| sessionCount              | Session Count                                 | Yes      |
| sessionCountForecast      | Session Count Forecast                        | No       |
| forecastBeginDate         | Forecast Begin Date                           | No       |
| forecastEndDate           | Forecast End Date                             | No       |
| redundancy                | Redundancy Option                             | No       |

|                          |                                                               |       |
|--------------------------|---------------------------------------------------------------|-------|
| typeTrunkGroupRouting    | Routing Option                                                | Yes** |
| fqdnResolutionType       | FQDN Resolution Type (Accepted Values: A-Only or A-SRV-NAPTR) | Yes** |
| trunkGroupFeature        | Trunk Group Feature Information                               | No    |
| enable911                | Enable 911 flag (Y / N)                                       | No    |
| customerSipSignalingList | Customer SIP Signaling Details                                | Yes** |
| customerSipSignalingItem | Customer SIP Signaling Information                            | Yes** |
| ipAddress                | SIP IP Address                                                | Yes   |
| direction                | SIP Direction. (Both/To Customer/From Customer)               | Yes   |
| action                   | Action for SIP Signaling (Accepted Value: Add)                | Yes   |
| customerMediaList        | Customer Media Details                                        | No    |
| customerMediaItem        | Customer Media Information                                    | No    |
| ipAddress                | Media IP Address                                              | No    |
| action                   | Action for Media IP (Accepted Value: Add)                     | No    |
| fqdnList                 | FQDN Details                                                  | Yes** |
| fqdnItem                 | FQDN Information                                              | Yes** |
| domainName               | FQDN Domain Name                                              | Yes   |
| port                     | FQDN Port                                                     | Yes   |
| action                   | Action for FQDN (Accepted Value: Add)                         | Yes   |
| codecList                | Codec List                                                    | No    |
| codecItem                | Codec Information                                             | No    |
| codec                    | Codec Type                                                    | Yes   |
| dtmfRelay                | DTFN Relay Information                                        | Yes   |
| percentage               | Code Percentage                                               | Yes   |
| priority                 | Codec Priority                                                | Yes   |
| customerServiceAddress   | Customer Service Address                                      | Yes   |
| useBillingTaxLocation    | Y/N flag. if Y entered then no need to enter address details  | Yes   |
| addressLine1             | Trunk Billing Address Line1                                   | Yes** |
| addressLine2             | Trunk Billing Address Line2                                   | No    |
| city                     | Trunk Billing City                                            | Yes** |
| state                    | Trunk Billing State                                           | Yes** |
| postalCode               | Trunk Billing Postal Code                                     | Yes** |

**Response:**

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the                                  | String |

moment, please try again.

|                                                             |        |
|-------------------------------------------------------------|--------|
| 408 - Private Key cannot be blank.                          | String |
| 430 - No Result Found                                       | String |
| 414 - Invalid value entered for:(Input Fields)              | String |
| 409 - Invalid Input Parameters:(All Input Fields)           | String |
| 410 - DB Error:(Database Error)                             | String |
| 411 - Unknown Error                                         | String |
| 414 - TrunkGroup Session Update is not allowed for customer | String |
| 425 - Review                                                | String |
| 410 - Invalid Request                                       | String |

\*\* Conditionally required depends on other parameters.

#### Notes:

- Accepted "trunkGroupType" values are DID-VOIP, 8XX-T
- Accepted "inteliquentSwitchLocation" values can be retrieved using /switchLocationList API.
- customerLocation can be sent null or should be one of the customer's assigned location. Accepted "customerLocation" values can be retrieved using /customerLocationList API.
- When FQDN is provided, FQDN Resolution Type is required.
- When FQDN Resolution Type provided, FQDN Details are required.
- When FQDN is provided, Customer SIP Signaling Direction must be "From Customer" only.
- When FQDN is not provided, Customer SIP Signaling Direction "Both or To Customer" must be provided for at least one SIP IP Address.
- Accepted "codec" values are G.711 U, G.729 A, G.729 AB
- Each codec can be used only once.
- Accepted "dtmfRelay" values can be retrieved using /dtmfRelayList API.
- Combined Codec percentage must be 100
- For Toll-free Trunk Group Type, customerSipSignaling direction must be 'To Customer'.
- CustomerSipSignaling IP Address must be used only once.
- For Redundancy trunkgroup, relatedOrderId should be entered (orderId from initial trunk group order creation).
- If redundancy entered as 'Y' then 'typeTrunkGroupRouting' is required. Accepted values are: Sequential and Round Robin.

## Example Request:

POST <https://services.inteliquent.com/Services/1.0.0/trunkGroupOrder> HTTP/1.1

Authorization: Bearer a12b34567c89012def34g56789hi0j12

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupOrder": {
    "trunkGroupType": "DID-VOIP",
    "customerSwitchDescription": "N/A",
    "inteliquentSwitchLocation": "Chicago IL",
    "customerOrderReference": "9262NewABCDE",
    "customerLocation": "",
    "customerTrunkGroupNumber": "",
    "customerTrunkGroupName": "TestTrunkGroupNameTG12345",
    "sessionCount": 100,
    "sessionCountForecast": "",
    "forecastBeginDate": "",
    "forecastEndDate": "",
    "redundancy": "Y",
    "typeTrunkGroupRouting": "Sequential",
    "fqdnResolutionType": "A-Only",
    "trunkGroupFeature": {
      "enable911": "Y"
    }
  },
  "customerSipSignalingList": {
    "customerSipSignalingItem": [
      {
        "ipAddress": "172.17.100.16",
        "direction": "Both",
        "action": "Add"
      }
    ]
  },
  "customerMediaList": {
    "customerMediaItem": [
      {
        "ipAddress": "172.17.100.14",
        "action": "Add "
      }
    ]
  },
  "fqdnList": {
    "fqdnItem": [
      {
        "domainName": "inteliquent.com",
        "port": 0,
        "action": "Add"
      }
    ]
  },
  "codecList": {
    "codecItem": [
      {
        "codec": "G.729 A",
        "dtmfRelay": "2833",
        "priority": 1,
        "percentage": 25,
        "action": "Add"
      },
      {
        "codec": "G.729 AB",
        "dtmfRelay": "2833",
        "priority": 2,

```

```
        "percentage": 75,  
        "action": "Add"  
      }  
    ]  
  },  
  "customerServiceAddress": {  
    "useBillingTaxLocation": "Y",  
    "addressLine1": "",  
    "addressLine2": "",  
    "city": "",  
    "state": "",  
    "postalCode": ""  
  }  
}  
}
```

**Example Response:**

```
HTTP/1.1 200 OK  
{  
  "status": "Success",  
  "statusCode": "200",  
  "orderId": 12340,  
  "message": "Trunk group order is complete. For questions regarding this order, please  
contact customer support and reference Order ID"  
}
```

**Example Response:**

```
HTTP/1.1 200 OK  
{  
  "status": "Review",  
  "statusCode": "425",  
  "orderId": 12340,  
  "message": "Your request to order trunk group requires further review. For questions  
regarding this order, please contact customer support and reference Order ID."  
}
```

**Example Response:**

```
HTTP/1.1 200 OK  
{  
  "status": "Invalid Request",  
  "statusCode": "410",  
  "message": "There was a problem fulfilling your request. Please contact the customer  
support team for assistance."  
}
```

**Example Response:**

```
HTTP/1.1 200 OK  
{  
  "status": "Invalid Request",  
  "statusCode": "410",  
  "result": [  
    "inteliquentSwitchLocation is required.",  
    "customerOrderReference should not be morethan 50 characters"  
  ]  
}
```

```
]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "TrunkGroup Order is not allowed for customer",
  "statusCode": "414"
}
```

## Change Trunk Group Order

### POST /changeTrunkGroupOrder

This operation allows you to update trunk group configuration which is entered through portal.

| Value                    | Description                                                   | Required |
|--------------------------|---------------------------------------------------------------|----------|
| privateKey               | API key required to validate your application                 | Yes      |
| changeTrunkGroupOrder    | Contains change trunk group order information                 | Yes      |
| trunkGroupName           | Trunk Group Name which is to be updated                       | Yes      |
| fqdnResolutionType       | FQDN Resolution Type (Accepted Values: A-Only or A-SRV-NAPTR) | Yes**    |
| customerSipSignalingList | Customer SIP Signaling Details                                | Yes**    |
| customerSipSignalingItem | Customer SIP Signaling Information                            | Yes**    |
| ipAddress                | SIP IP Address                                                | Yes      |
| direction                | SIP Direction. (Both/To Customer/From Customer)               | Yes      |
| action                   | Action for SIP Signaling (Accepted Values: Add/Update/Delete) | Yes      |
| customerMediaList        | Customer Media Details                                        | No       |
| customerMediaItem        | Customer Media Information                                    | No       |
| ipAddress                | Media IP Address                                              | No       |
| action                   | Action for FQDN (Accepted Values: Add/Delete)                 | No       |
| fqdnList                 | FQDN Details                                                  | Yes**    |
| fqdnItem                 | FQDN Information                                              | Yes**    |
| domainName               | FQDN Domain Name                                              | Yes      |
| port                     | FQDN Port                                                     | Yes      |
| action                   | Action for FQDN (Accepted Values: Add/Delete)                 | Yes      |

Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |

|                                                                       |        |
|-----------------------------------------------------------------------|--------|
| 414 - Fields Are Required:(All Required Fields)                       | String |
| 431 - Unable to complete the request at the moment, please try again. | String |
| 408 - Private Key cannot be blank.                                    | String |
| 430 - No Result Found                                                 | String |
| 414 - Invalid value entered for:(Input Fields)                        | String |
| 409 - Invalid Input Parameters:(All Input Fields)                     | String |
| 410 - DB Error:(Database Error)                                       | String |
| 411 - Unknown Error                                                   | String |
| 414 - TrunkGroup Session Update is not allowed for customer           | String |
| 425 - Review                                                          | String |
| 410 - Invalid Request                                                 | String |

\*\* Conditionally required depends on other parameters.

#### Notes:

- When FQDN is provided, FQDN Resolution Type is required.
- When FQDN Resolution Type provided, FQDN Details are required.
- When FQDN is provided, Customer SIP Signaling Direction must be "From Customer" only.
- When FQDN is not provided, Customer SIP Signaling Direction "Both or To Customer" must be provided for at least one SIP IP Address.

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/changeTrunkGroupOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "changeTrunkGroupOrder": {
    "trunkGroupName": "ABC Pretty Graph",
    "fqdnResolutionType": "A-Only",
    "customerSipSignalingList": {
      "customerSipSignalingItem": [
        {
          "ipAddress": "172.17.100.16",
          "direction": "Both",
          "action": "Add or Update or Delete"
        }
      ]
    },
    "customerMediaList": {
      "customerMediaItem": [
        {
          "ipAddress": "172.17.100.14",
          "action": "Add or Delete"
        }
      ]
    },
    "fqdnList": {
      "fqdnItem": [
```

```
    {
      "domainName": "inteliquent.com",
      "port": 0,
      "action": "Add or Delete"
    } ]
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12340,
  "message": "Trunk group order is complete. For questions regarding this order, please contact customer support and reference Order ID"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Review",
  "statusCode": "425",
  "orderId": 12340,
  "message": "Your request to order trunk group requires further review. For questions regarding this order, please contact customer support and reference Order ID."
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
  "message": "There was a problem fulfilling your request. Please contact the customer support team for assistance."
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid trunkGroupName",
  "statusCode": "414"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
  "result": [
    "inteliquentSwitchLocation is required.",
  ]
}
```

```
] }
    "customerOrderReference should not be morethan 50 characters"
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "TrunkGroup Order is not allowed for customer",
  "statusCode": "414"
}
```

## Retrieve Trunk Group Order List

POST /trunkGroupOrderList

This operation allows you to retrieve a list of trunk group orders.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| orderId    | Existing order number                         | No*      |

Response:

| Parameter | Description                                                               | Type   |
|-----------|---------------------------------------------------------------------------|--------|
| status    | Indicates whether the API call was successful. Values: Success or Failure | String |
|           | 200 - Successful                                                          | String |
|           | 414 - Fields Are Required:(All Required Fields)                           | String |
|           | 431 - Unable to complete the request at the moment, please try again.     | String |
|           | 408 - Private Key cannot be blank.                                        | String |
|           | 430 - No Result Found                                                     | String |

\*If orderId, filtered results will be retrieved for specified order Id.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupOrderList": [
    {
```

```
"orderId": 1497277,
"serviceType": "Trunk Group",
"inteliquentSwitchLocation": "Chicago IL",
"orderType": "Change",
"orderStatus": "Pending",
"customerOrderReference": "",
"createdUser": "api_user",
"createdDate": "2019-02-13T00:00:00.000+0000",
"desiredDueDate": "2019-02-13T00:00:00.000+0000",
"customerTrunkGroupName": "ABC Pretty Graph",
"trunkGroupName": "CHCGIL24IQT_9998",
"twoSixCode": "IP022401",
"inteliquentLocation": "CHCGIL2497T",
"customerLocation": "CHCGIL2497T",
"inteliquentTrunkGroupNumber": "9998",
"customerTrunkGroupNumber": "",
"sipManagementType": "Sessions",
"customerSwitchDescription": "N/A",
"signallingType": "SIP",
"trafficClassType": "DN",
"inteliquentClassType": "7",
"customerClassType": "7",
"trafficUseType": "IP (Administrative)",
"trunkModifierType": "CH-HCS",
"inteliquentSignallingType": "-",
"customerSignallingType": "-",
"accessType": "Public",
"sessionCountForecast": 0,
"sipOption": "N",
"useBillingTaxLocation": "Y",
"addressLine1": "",
"addressLine2": "",
"city": "",
"state": "",
"postalCode": "",
"country": "",
"fqdnResolutionType": "",
"pendingSessionCount": -10,
"activeSessionCount": 100
}
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No results found",
  "statusCode": "430"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "414"
}
```

## Retrieve Trunk Group Order Detail

POST /trunkGroupOrderDetail

This operation allows you to retrieve trunk group order details. *Currently in Beta for internal use only.*

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |
| orderId    | Existing order number                         | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupOrderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupOrderDetail": {
    "orderId": 1497293,
    "serviceType": "Trunk Group",
    "inteliquentSwitchLocation": "Atlanta GA",
    "orderType": "Change",
    "orderStatus": "Pending",
    "customerOrderReference": "",
    "createdUser": "Carney, Jeff ",
    "createdDate": "2019-02-20T00:00:00.000+0000",
    "desiredDueDate": "2019-02-20T00:00:00.000+0000",
    "customerTrunkGroupName": "",
    "trunkGroupName": "ATLNGAQS08T_266",
    "twoSixCode": "IP000166",
    "inteliquentLocation": "ATLNGAQS08T",
    "customerLocation": "ATLNGAQS08T",
    "inteliquentTrunkGroupNumber": "266",
    "customerTrunkGroupNumber": ""
  }
}
```

```
"sipManagementType": "Sessions",
"customerSwitchDescription": "SONUS",
"signallingType": "SIP",
"trafficClassType": "DN",
"inteliquentClassType": "4",
"customerClassType": "4",
"trafficUseType": "IP (Administrative)",
"trunkModifierType": "CALEADID_OUT",
"inteliquentSignallingType": "-",
"customerSignallingType": "-",
"accessType": "Public",
"sessionCountForecast": 0,
"sipOption": "N",
"fqdnResolutionType": "A-Only",
"pendingSessionCount": 1,
"activeSessionCount": 100,
"customerSipSignalingList": {
  "customerSipSignalingItem": [
    {
      "ipAddress": "192.168.251.6",
      "port": 5060,
      "direction": "Both"
    }
  ]
},
"customerMediaList": {
  "customerMediaItem": [
    {
      "ipAddress": "192.168.251.7"
    }
  ]
},
"fqdnList": {
  "fqdnItem": [
    {
      "domainName": "ABC",
      "port": 1025,
    }
  ]
},
"codecList": {
  "codecItem": [
    {
      "codec": "G.711 A",
      "packetSize": 20,
      "priority": 2,
      "faxToneTreatment": "None",
      "modemToneTreatment": "None",
      "dtmfRelay": "None = INBAND",
      "silentSuppression": "N",
      "percentage": 100
    },
    {
      "codec": "G.711 U",
      "packetSize": 20,
      "priority": 1,
      "faxToneTreatment": "None",
      "modemToneTreatment": "None",
      "dtmfRelay": "None = INBAND",
      "silentSuppression": "N",
      "percentage": 100
    }
  ],
  {
```

```
        "codec": "G.722",
        "packetSize": 20,
        "priority": 3,
        "faxToneTreatment": "None",
        "modemToneTreatment": "None",
        "dtmfRelay": "None = INBAND",
        "silentSuppression": "N",
        "percentage": 100
    },
    {
        "codec": "G.729 A",
        "packetSize": 20,
        "priority": 4,
        "faxToneTreatment": "Fax Relay or Fallback to G.711",
        "modemToneTreatment": "Fallback to G.711",
        "dtmfRelay": "2833",
        "silentSuppression": "N",
        "percentage": 100
    },
    {
        "codec": "G.729 AB",
        "packetSize": 20,
        "priority": 5,
        "faxToneTreatment": "Fax Relay or Fallback to G.711",
        "modemToneTreatment": "Fallback to G.711",
        "dtmfRelay": "2833",
        "silentSuppression": "N",
        "percentage": 100
    } ]
},
"trunkGroupFeature": {
    "e911Enabled": "N"
},
"customerServiceAddress": {
    "useBillingTaxLocation": "Y",
    "addressLine1": "",
    "addressLine2": "",
    "city": "",
    "state": "",
    "postalCode": "",
    "country": ""
}
} }
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No results found",
  "statusCode": "430"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "414"
}
```

## Test Trunk Group Call

POST /testTrunkGroup

This operation allows you to test a trunk group to ensure that it is configured properly.

| Value          | Description                                   | Required |
|----------------|-----------------------------------------------|----------|
| privateKey     | API key required to validate your application | Yes      |
| trunkGroupName | Assigned trunk group name                     | Yes      |
| testTn         | Test Telephone Number                         | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 412 - Invalid trunk group submitted for:                                  | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 410 - (Web Request Error Message)                                         | String |
|            | 411 - Unknown Error                                                       | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/testTrunkGroup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "trunkGroupName": "CHCGIL24ZCL_2387",
  "testTn": "3123131377"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Fields Are Required:trunkGroupName"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Invalid value entered for:testTn"
}
```

## Search Assigned Toll-free Routing Label

POST /routingLabelSearchAssigned

This operation allows you to retrieve a list of your company's assigned toll-free routing labels for use with [/tfOrder](#).

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingLabelList": { "routingLabelItem": [
    {
      "customerAssignedName": "",
      "routingLabel": "NTMIL01-8XX-0222-1-124",
      "routePrioritizationType": "Sequence"
    }
  ] }
}
```

## Retrieve Toll-free Routing Label Detail

POST /routingLabelDetail

This operation allows you to retrieve trunk groups and routing proportions your toll-free routing labels.

| Value        | Description                                                                                                    | Required |
|--------------|----------------------------------------------------------------------------------------------------------------|----------|
| privateKey   | API key required to validate your application                                                                  | Yes      |
| routingLabel | routingLabel or customerAssignedName as retrieved in the <a href="#">/routingLabelSearchAssigned</a> operation | Yes      |

## Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routingLabel": "NTNYC-690-8XX-123"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingLabelList": { "routingLabelItem": [ {
    "routeSequence": "0",
    "trunkGroupName": "MILWWI1261T_406",
    "routeProportion": "0"
  }, {
    "routeSequence": "1",
    "trunkGroupName": "MILWWI4561T_702",
    "routeProportion": "0"
  } ] }
}
```

## Change Toll-free Routing Label Name

POST /routingLabelUpdate

This operation allows you to update the name of your company's assigned toll-free routing labels.

| Value           | Description                                   | Required |
|-----------------|-----------------------------------------------|----------|
| privateKey      | API key required to validate your application | Yes      |
| routingLabel    | Current routing label name                    | Yes      |
| newRoutingLabel | New routing label name                        | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 411 - Unknown Error                                                       | String |

|                                                   |        |
|---------------------------------------------------|--------|
| 409 - Invalid Input Parameters:(All Input Fields) | String |
| 410 - DB Error:(Database Error)                   | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routingLabel": "NTNYC-690-8XX-123",
  "newRoutingLabel": "Main Routing Label"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Retrieve Trunk Group Utilization Detail

**POST /trunkGroupUtilization**

This operation allows you to view utilization information for a trunk group over a desired date range.

| Value          | Description                                   | Required |
|----------------|-----------------------------------------------|----------|
| privateKey     | API key required to validate your application | Yes      |
| startDate      | Start of date range (e.g. 2015-12-15)         | Yes      |
| endDate        | End of date range (e.g. 2015-12-15)           | Yes      |
| trunkGroupName | Name of trunk group to search utilization     | Yes      |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 411 - Unknown Error                                                       | String |

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| 409 - Invalid Input Parameters:(All Input Fields)                  | String |
| 410 - DB Error:(Database Error)                                    | String |
| 414 - Invalid Date format::The date format should be in yyyy-MM-dd | String |
| 450 - Couldn't parse the input date                                | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupUtilization HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "startDate": "2017-12-01",
  "endDate": "2017-12-01",
  "trunkGroupName": [ "NYCMNYBXABC_1234" ]
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupUtilList": {"trunkGroupUtilItem": [
    {
      "trunkGroupDate": "2017-12-01 00:00",
      "inCalls": 0,
      "outCalls": 673,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:10",
      "inCalls": 0,
      "outCalls": 643,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:20",
      "inCalls": 0,
      "outCalls": 655,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:30",
      "inCalls": 0,
      "outCalls": 686,
      "capacity": 1300
    }
  ] }
}
```

\*Inteliquent-to-customer = outCalls, customer-to-Inteliquent = inCalls

## Retrieve Message Detail Record

POST /messageDetailSearch

This operation allows you to search message detail records for your Inteliquent message-enabled telephone numbers.

| Value         | Description                                                                                                                                                    | Required |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey    | API key required to validate your application                                                                                                                  | Yes      |
| startDate     | Start of date range (e.g. 2015-12-15T00:00:00.000Z)                                                                                                            | Yes      |
| endDate       | End of date range (e.g. 2015-12-15T00:00:00.000Z)                                                                                                              | Yes      |
| direction     | Message direction; acceptable values are Outbound and Inbound                                                                                                  | Yes      |
| messageClass  | Message class; acceptable values are P2P, A2PLC, and A2P8XX                                                                                                    | Yes      |
| messageType   | Message type; acceptable values are SMS and MMS                                                                                                                | Yes      |
| disposition   | Message disposition; acceptable values are Enroute, Successful, Unknown, Blocked, and Failed                                                                   | No       |
| region        | Message region; acceptable values are Africa and Middle East, Asia and Pacific, Europe, Global / Satellite, Latin America and the Caribbean, and North America | No       |
| country       | Message origin or destination (based on direction value sent) country                                                                                          | No       |
| operators     | Message origin or destination (based on direction value sent) operator(s)                                                                                      | No       |
| sourceTn      | 10-digit or E.164 message sent from number (e.g. 3121231234 or 13121231234)                                                                                    | No       |
| destinationTn | 10-digit or E.164 message sent to number (e.g. 3121231234 or 13121231234)                                                                                      | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 411 - Unknown Error                                                       | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messageDetailSearch HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "a12b34567c89012def34g56789hi0j12",
  "startDate": "2017-11-01T00:00:00.000Z",
  "endDate": "2017-12-02T00:00:00.000Z",
  "direction": "Outbound",
  "messageClass": "P2P",
  "messageType": "SMS",
  "operators": [
    "Sprint"
  ],
  "sourceTn": "15109470585",
  "destinationTn": "18182240977"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageDetails": [
    {
      "operator": "Sprint",
      "country": "United States of America",
      "region": "North America",
      "gateWay": "Atlanta",
      "messageType": "SMS",
      "source": "15109470585",
      "destination": "18182240977",
      "status": "Blocked",
      "statusCode": "8",
      "description": "Blocked"
    },
    {
      "operator": "Sprint",
      "country": "United States of America",
      "region": "North America",
      "gateWay": "Chicago",
      "messageType": "SMS",
      "source": "15109470585",
      "destination": "18182240977",
      "status": "Blocked",
      "statusCode": "8",
      "description": "Blocked"
    }
  ]
}
```

## Retrieve 911 Call Detail Record

POST /e911CallSearch

This operation allows you to search 911 detail records for your Inteliquent 911-enabled telephone numbers.

| Value           | Description                                                                                                                                                                                                                                                                                                                                                                       | Required |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey      | API key required to validate your application                                                                                                                                                                                                                                                                                                                                     | Yes      |
| startDate       | Start of date range (e.g. 2019-01-18 00:00:00)                                                                                                                                                                                                                                                                                                                                    | Yes      |
| endDate         | End of date range (e.g. 2019-01-21 16:41:26)                                                                                                                                                                                                                                                                                                                                      | Yes      |
| callType        | Call Type; acceptable values are 911, Test and All                                                                                                                                                                                                                                                                                                                                | No       |
| callStatus      | Call Status; acceptable values are Completed, Cancelled, Failed and All                                                                                                                                                                                                                                                                                                           | No       |
| callDestination | Call Destination; acceptable values are Test, PSAP, PSAP - 10 digit, Callcenter and All                                                                                                                                                                                                                                                                                           | No       |
| callProvisioned | Call Provisioned; acceptable values are Yes, No and All                                                                                                                                                                                                                                                                                                                           | No       |
| sourceTn        | Calling Number; Accepts 0-9, Aa-Zz, *, or ? (e.g. "*Hello*" or "312?Hi*7")                                                                                                                                                                                                                                                                                                        | No       |
| e911Contains    | Search for specific string contained in any E911 field                                                                                                                                                                                                                                                                                                                            | No       |
| name            | Message origin or destination (based on direction value sent) country                                                                                                                                                                                                                                                                                                             | No       |
| name            | E911 first and last name                                                                                                                                                                                                                                                                                                                                                          | No       |
| streetNum       | E911 address street number (e.g. 100, 550)                                                                                                                                                                                                                                                                                                                                        | No       |
| streetInfo      | E911 address street information (e.g. W Adams St)                                                                                                                                                                                                                                                                                                                                 | No       |
| location        | E911 address location (e.g. Suite 900)                                                                                                                                                                                                                                                                                                                                            | No       |
| city            | E911 address city                                                                                                                                                                                                                                                                                                                                                                 | No       |
| state           | E911 address state                                                                                                                                                                                                                                                                                                                                                                | No       |
| pageSort        | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                        | No       |
| property        | Result sort property; acceptable values are Calling Num                                                                                                                                                                                                                                                                                                                           | No       |
| direction       | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                            | No       |
| size            | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                   | No       |
| page            | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                 | No       |
| SearchId        | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you | No       |

send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

timeZone  
TimeZone; acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, UTC, Asia/Kolkata.

#### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Successful                                                                              | String |
|            | 414 - Fields Are Required:(All Required Fields)                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 408 - Private Key cannot be blank.                                                            | String |
|            | 411 - Unknown Error                                                                           | String |
|            | 414 - Invalid Date format::The date format should be in yyyy-MM-dd                            | String |
|            | 414 - Invalid value entered for:                                                              |        |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                             | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |
|            | 430 - No Result Found                                                                         | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/e911CallSearchHTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "startDate": "2019-01-18 00:00:00",
  "endDate": "2019-01-21 16:41:26",
  "callType": "911",
  "callStatus": "Completed",
  "callDestination": "PSAP",
  "callProvisioned": "Yes",
  "sourceTn": "xxxxxxxxxx",
  "e911Contains": "Test",
  "name": "Test",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

```

    },
    "timeZone": "UTC"
  }
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "callDetailList": [
    {
      "sourceTn": "3123131377",
      "callDate": "2019-01-19T22:06:29.009Z",
      "callType": "911",
      "callStatus": "Completed",
      "callDestination": "PSAP",
      "callProvisioned": "Yes",
      "callDuration": "80.06",
      "name": "MAJESTIC PINES",
      "streetNum": "1614",
      "streetInfo": "Golf Course Rd",
      "city": "Grand Rapids",
      "state": "MN",
      "postalCode": "55744",
      "callTerminated": "2019-01-19T22:07:51.005Z",
      "sipCallId": "BW160629967190119-250303208@199.199.3.1",
      "viaHeader": "SIP/2.0/UDP 137.192.80.11:5060*branch=z9hG4bKd92aqq303gfrd45fuqf0.1",
      "incomingDnis": "sip:911@216.221.154.120:5060;user=phone",
      "incomingFrom": "\"Orchard 1\"<sip:2183131377@137.192.80.11;user=phone;isup-oli=0>;tag=2099798727-1547935589967-",
      "incomingContact": "sip:2183131377@137.192.80.11:5060;transport=udp"
    },
    {
      "sourceTn": "3123131378",
      "callDate": "2019-01-20T17:30:18.003Z",
      "callType": "911",
      "callStatus": "Completed",
      "callDestination": "PSAP",
      "callProvisioned": "Yes",
      "callDuration": "112.64",
      "name": "MAJESTIC PINES",
      "streetNum": "1614",
      "streetInfo": "Golf Course Rd",
      "city": "Grand Rapids",
      "state": "MN",
      "postalCode": "55744",
      "callTerminated": "2019-01-20T17:32:12.005Z",
      "sipCallId": "BW113018318200119-374408938@199.199.3.1",
      "viaHeader": "SIP/2.0/UDP 137.192.80.11:5060*branch=z9hG4bKpmrq0e1068s5ufa8rkk0.1",
      "incomingDnis": "sip:911@216.221.154.120:5060;user=phone",
      "incomingFrom": "\"Orchard Lead\"<sip:2183131378@137.192.80.11;user=phone;isup-oli=0>;tag=1691782808-1548005418318-",
      "incomingContact": "sip:2183131378@137.192.80.11:5060;transport=udp"
    }
  ]
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "430",
  "status": "No Result Found"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Fields Are Required:startDate"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Invalid value entered for:callStatus"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "400",
  "status": "Request format not recognized (Unrecognized fields in json)"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "431",
  "status": "Unable to complete the request at the moment, please try again"
}
```

## Retrieve List of Trunk Groups

POST /trunkGroupList

This operation allows you to retrieve a list of your trunk groups with Inteliquent.

Request:

| Parameter      | Description                                                                                                                        | Required |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey     | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| trunkGroupName | Trunk Group Name                                                                                                                   | No       |

**Response:**

| Parameter              | Description                                                           | Type   |
|------------------------|-----------------------------------------------------------------------|--------|
| statusCode             | 200 - Successful                                                      | String |
|                        | 414 - Fields Are Required:(All Required Fields)                       | String |
|                        | 431 - Unable to complete the request at the moment, please try again. | String |
|                        | 408 - Private Key cannot be blank.                                    | String |
|                        | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|                        | 430 - No Result Found                                                 | String |
|                        | 414 - Invalid value entered for:                                      |        |
| status                 | Indicates the actual error that occurred.                             | String |
| trunkGroupList         | List of Trunk Groups returned                                         | List   |
| object                 | Trunk Group Object                                                    | Object |
| trunkGroupName         | Trunk Group Name                                                      | String |
| customerTrunkGroupName | Customer Assigned Trunk Group Name                                    | String |
| inteliquentLocation    | Inteliquent Location                                                  | String |
| customerLocation       | Customer Location                                                     | String |
| testTn                 | Trunk Group Test TN                                                   | String |
| status                 | Trunk Group Status                                                    | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupList": [
    {
      "trunkGroupName": "CHCGIL24IQT_9998",
      "customerTrunkGroupName": "ABC Pretty Graph",
      "inteliquentLocation": "CHCGIL2497T",
      "customerLocation": "CHCGIL2497T",
      "testTn": "2088015992",
      "status": "In Service"
    },
    {
      "trunkGroupName": "AGSTGAMTXSY_1340",
      "customerTrunkGroupName": "ABC Pretty Graph test",

```

```
"inteliquentLocation": "DLLSTX3775T",
"customerLocation": "AGSTGAMTXSY",
"testTn": "7146742934",
"status": "In Service"
}
]
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC Pretty Graph"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupList": [
    {
      "trunkGroupName": "CHCGIL24IQT_9998",
      "customerTrunkGroupName": "ABC Pretty Graph",
      "inteliquentLocation": "CHCGIL2497T",
      "customerLocation": "CHCGIL2497T",
      "testTn": "2088015992",
      "status": "In Service"
    }
  ]
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey":""
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
```

```
{
  "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3" ,
  "trunkGroupName": "ABC Pretty Graph3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters:Invalid Trunk Group",
  "statusCode": "409"
}
```

## Retrieve Details of Trunk Group

POST /trunkGroupDetail

This operation allows you to retrieve details for specified trunk group with Inteliquent.

Request:

| Parameter      | Description                                                                                                                        | Required |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey     | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| trunkGroupName | Trunk Group Name                                                                                                                   | Yes      |

Response:

| Parameter                   | Description                                                           | Type   |
|-----------------------------|-----------------------------------------------------------------------|--------|
| statusCode                  | 200 - Successful                                                      | String |
|                             | 414 - Fields Are Required:(All Required Fields)                       | String |
|                             | 431 - Unable to complete the request at the moment, please try again. | String |
|                             | 408 - Private Key cannot be blank.                                    | String |
|                             | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|                             | 430 - No Result Found                                                 | String |
|                             | 414 - Invalid value entered for:(Input Fields)                        | String |
| status                      | Indicates the actual error that occurred.                             | String |
| trunkGroupDetail            | Trunk Group Details                                                   | Object |
| trunkGroupName              | Trunk Group Name                                                      | String |
| customerTrunkGroupName      | Customer Assigned Trunk Group Name                                    | String |
| inteliquentLocation         | Inteliquent Location                                                  | String |
| customerLocation            | Customer Location                                                     | String |
| twoSixCode                  | Two Six Code                                                          | String |
| inteliquentTrunkGroupNumber | Inteliquent Trunk Group Number                                        | String |
| customerTrunkGroupNumber    | Customer Trunk Group Number                                           | String |

|                          |                                |         |
|--------------------------|--------------------------------|---------|
| sipManagement            | Sip Management                 | String  |
| accessType               | Access Type                    | String  |
| customerCircuit          | Customer Circuit               | String  |
| activeSessionCount       | Active Session Count           | Integer |
| t38FaxSupport            | T38 Fax Support Flag           | String  |
| fqdnResolutionType       | FQDN Resolution Type           | String  |
| testTn                   | Trunk Group Test TN            | String  |
| status                   | Trunk Group Status             | String  |
| customerSipSignalingList | List of Customer SIP Signaling | List    |
| customerSipSignalingItem | Customer SIP Signaling Item    | Object  |
| ipAddress                | SIP IP Address                 | String  |
| port                     | SIP Port                       | Integer |
| direction                | SIP Direction                  | String  |
| codecList                | List of Codecs                 | List    |
| codecItem                | Codec Item                     | Object  |
| codec                    | Codec Name                     | String  |
| packetSize               | Packet Size                    | Integer |
| priority                 | Codec Priority                 | Integer |
| faxToneTreatment         | Codec Fax Tone Treatment       | String  |
| modemToneTreatment       | Codec Modem Tone Treatment     | String  |
| dtmfRelay                | DTMF Relay                     | String  |
| silentSuppression        | Silent Suppression Flag        | String  |
| percentage               | Codec Percentage               | Integer |
| customerMediaList        | List of Customer Media IP      | List    |
| customerMediaItem        | Customer Media IP Item         | Object  |
| ipAddress                | IP Address                     | String  |
| fqdnList                 | List of FQDN                   | List    |
| fqdnItem                 | FQDN Item                      | Object  |
| domainName               | FQDN Name                      | String  |
| port                     | FQDN Port                      | Integer |
| trunkGroupFeature        | Trunk Group Feature            | Object  |
| e911Enabled              | E911 Flag                      | String  |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC Pretty Graph"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupDetail": {
    "trunkGroupName": "CHCGIL24IQT_9998",
    "customerTrunkGroupName": "ABC Pretty Graph",
    "inteliquentLocation": "CHCGIL2497T",
    "customerLocation": "CHCGIL2497T",
    "twoSixCode": "IP022401",
    "inteliquentTrunkGroupNumber": "9998",
    "customerTrunkGroupNumber": "9978",
    "sipManagement": "Sessions",
    "accessType": "Public",
    "activeSessionCount": 100,
    "customerCircuit": "",
    "t38FaxSupport": "Y",
    "fqdnResolutionType": "",
    "testTn": "2088015992",
    "status": "In Service",
    "customerSipSignalingList": {
      "customerSipSignalingItem": [
        {
          "ipAddress": "172.17.100.16",
          "port": 5060,
          "direction": "Both"
        },
        {
          "ipAddress": "69.85.136.201",
          "port": 5060,
          "direction": "From Customer"
        }
      ]
    },
    "customerMediaList": {
      "customerMediaItem": [
        {
          "ipAddress": "172.17.100.16"
        },
        {
          "ipAddress": "69.85.136.201"
        }
      ]
    },
    "codecList": {
      "codecItem": [
        {
          "codec": "G.711 U",

```

```
    "packetSize": 40,
    "priority": 1,
    "faxToneTreatment": "None",
    "modemToneTreatment": "None",
    "dtmfRelay": "2833",
    "silentSuppression": "Y",
    "percentage": 10
  },
  {
    "codec": "G.711 U",
    "packetSize": 30,
    "priority": 2,
    "faxToneTreatment": "Fax Relay",
    "modemToneTreatment": "None",
    "dtmfRelay": "2833",
    "silentSuppression": "Y",
    "percentage": 70
  },
  {
    "codec": "G.722",
    "packetSize": 30,
    "priority": 1,
    "faxToneTreatment": "Fallback to G.711",
    "modemToneTreatment": "Fallback to G.711",
    "dtmfRelay": "None = INBAND",
    "silentSuppression": "N",
    "percentage": 10
  }
]
}
"fqdnList": {
  "fqdnItem": [
    {
      "domainName": "test1.com",
      "port": 1025
    },
    {
      "domainName": "test2.com",
      "port": 1027
    }
  ]
},
trunkGroupFeature: {
  "e911Enabled": "Y"
}
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3" ,
  "trunkGroupName": "ABC Pretty Graph3"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters:Invalid Trunk Group",
  "statusCode": "409"
}
```

## Retrieve List of Routing Options

POST /routingOptionList

This operation allows you to retrieve a list of your routing options with Inteliquent.

## Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

## Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|            | 430 - No Result Found                                                 | String |
|            | 414 - Invalid value entered for:                                      |        |
| status     | Indicates the actual error that occurred.                             | String |

|                        |                                       |        |
|------------------------|---------------------------------------|--------|
| routingOptionList      | List of Routing Options returned      | List   |
| object                 | Routing Option Object                 | Object |
| routingOption          | Routing Option Name                   | String |
| customerRoutingOption  | Customer Assigned Routing Option Name | String |
| trunkGroupName         | Primary Trunk Group Name              | String |
| routingProductTypeRef  | Routing Product Type Reference        | String |
| routingProductTypeName | Routing Product Type Name             | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingOptionList": [
    {
      "routingOption": "NTCHI-2783-DID-950",
      "customerRoutingOption": "Echo testing",
      "trunkGroupName": "Echo testing",
      "routingProductTypeRef": "TN",
      "routingProductTypeName": "Domestic Telephone Number"
    },
    {
      "routingOption": "NTCHI-2798-DID-950",
      "customerRoutingOption": "Test TG Route",
      "trunkGroupName": " Test TG Route",
      "routingProductTypeRef": "TN",
      "routingProductTypeName": "Domestic Telephone Number"
    }
  ]
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

## Retrieve Details of Routing Option

POST /routingOptionDetail

This operation allows you to retrieve details for specified routing option with Inteliquent.

**Request:**

| Parameter     | Description                                                                                                                        | Required |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey    | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| routingOption | Routing Option Name                                                                                                                | No       |

**Response:**

| Parameter              | Description                                                                                                                                                                                                                                                                                                        | Type                                                               |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| statusCode             | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank.<br>409 - Invalid Input Parameters:(All Input Fields)<br>430 - No Result Found<br>414 - Invalid value entered for:(Input Fields) | String<br>String<br>String<br>String<br>String<br>String<br>String |
| status                 | Indicates the actual error that occurred.                                                                                                                                                                                                                                                                          | String                                                             |
| trunkGroupDetails      | List Of Routing Options                                                                                                                                                                                                                                                                                            | List                                                               |
| Object                 | Routing Option Details                                                                                                                                                                                                                                                                                             | Object                                                             |
| routingOption          | Routing Option Name                                                                                                                                                                                                                                                                                                | String                                                             |
| customerRoutingOption  | Customer Assigned Routing Option Name                                                                                                                                                                                                                                                                              | String                                                             |
| trunkGroupName         | Primary Trunk Group Name                                                                                                                                                                                                                                                                                           | String                                                             |
| routingProductTypes    | List of Routing Product Types                                                                                                                                                                                                                                                                                      | List                                                               |
| Object                 | Routing Product Type                                                                                                                                                                                                                                                                                               | Object                                                             |
| routingProductTypeRef  | Routing Product Type Reference                                                                                                                                                                                                                                                                                     | String                                                             |
| routingProductTypeName | Routing Product Type Name                                                                                                                                                                                                                                                                                          | String                                                             |
| routingTrunkGroups     | List of Routing Trunk Groups                                                                                                                                                                                                                                                                                       | List                                                               |

| Object                         | Routing Trunk Group       | Object |
|--------------------------------|---------------------------|--------|
| trunkGroupName                 | Trunk Group Name          | String |
| customerAssignedTrunkGroupName | Customer Trunk Group Name | String |
| trunkGroupSequence             | Trunk Group Sequence      | String |
| trunkGroupProportion           | Trunk Group Proportion    | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingOptionDetail": [
    {
      "routingOption": "NTCHI-2783-DID-950",
      "customerRoutingOption": "Echo testing",
      "trunkGroupName": "Echo testing",
      "routingProductTypes": [
        {
          "routingProductTypeRef": "TN",
          "routingProductTypeName": "Domestic Telephone Number"
        },
        {
          "routingProductTypeRef": "TF",
          "routingProductTypeName": "Toll Free"
        }
      ],
      "routingTrunkGroups": [
        {
          "trunkGroupName": "CHCGIL24TUR_3005",
          "customerAssignedTrunkGroupName": "customer TG2 14th sept",
          "trunkGroupSequence": "1",
          "trunkGroupProportion": "1"
        },
        {
          "trunkGroupName": "CHCGIL24TUR_3004",
          "customerAssignedTrunkGroupName": "customer TG2 18th sept",
          "trunkGroupSequence": "2",
          "trunkGroupProportion": "1"
        }
      ]
    }
  ]
}
```

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey":""
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

## Change Routing Option Name

**POST /routingOption**

This operation allows you to update the name of your company's assigned routing option.

Note: Use the updated routing option name when placing a new telephone number, routing option update or update telephone number update.

| Value                 | Description                                        | Required |
|-----------------------|----------------------------------------------------|----------|
| privateKey            | API key required to validate your application      | Yes      |
| routingOption         | Current name of routing option name to be updated. | Yes      |
| customerRoutingOption | New display name of routing                        | No       |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 414 - Invalid value entered for:(Input Fields)                            | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 411 - Unknown Error                                                       | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/routingOption HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routingOption": " NTCHI-2875-DID-950",
  "customerRoutingOption": " API Rename Trunk 1663041555072"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Order

The following API calls allow you to view and manage your existing orders with Inteliquent:

- [POST /orderList](#)
- [POST /orderDetail](#)
- [POST /excludedTnList](#)
- [POST /excludedTnFromTnOrderList](#)
- [POST /excludedFeatureList](#)
- [POST /excludedE911Detail](#)
- [POST /orderUpdate](#)
- [POST /orderCancel](#)
- [POST /orderAddNote](#)
- [POST /orderNote](#)
- [POST /orderAddDocument](#)
- [POST /orderDocument](#)
- [POST /tnPortOutReject](#)
- [POST /portOutApproval](#)

## View Order List

POST /orderList

This operation allows you to obtain a list of your existing orders with Inteliquent.

| Parameter              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Required |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-----|-----------------------------------------------------------|-------|-------------------------|--------|-------------------------------|-----|----------------------|-----|--------------------------------|-----|---------------------------------------|-----|------------------------------|-----|-------------------------|-----|---------------------------|--|
| privateKey             | API key required to validate your application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes      |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| orderId                | Existing order number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No       |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| customerOrderReference | Alphanumeric order reference name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No       |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| productId              | Product identifier; acceptable values include:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No       |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>103</td><td>Telephone number, trunk group update, or disconnect order</td></tr><tr><td>113</td><td>Port-in order</td></tr><tr><td>114</td><td>Port-out Order</td></tr><tr><td>122</td><td>Toll-free load order</td></tr><tr><td>128</td><td>Telephone number feature order</td></tr><tr><td>129</td><td>Telephone number messaging-only order</td></tr><tr><td>130</td><td>Port-in messaging-only order</td></tr><tr><td>131</td><td>Toll-free port-in order</td></tr><tr><td>134</td><td>Toll-free inventory order</td></tr></table> | Value    | Description | 103 | Telephone number, trunk group update, or disconnect order | 113   | Port-in order           | 114    | Port-out Order                | 122 | Toll-free load order | 128 | Telephone number feature order | 129 | Telephone number messaging-only order | 130 | Port-in messaging-only order | 131 | Toll-free port-in order | 134 | Toll-free inventory order |  |
| Value                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 103                    | Telephone number, trunk group update, or disconnect order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 113                    | Port-in order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 114                    | Port-out Order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 122                    | Toll-free load order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 128                    | Telephone number feature order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 129                    | Telephone number messaging-only order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 130                    | Port-in messaging-only order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 131                    | Toll-free port-in order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| 134                    | Toll-free inventory order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| productIdList          | List of productIds can be sent with ',' separated (e.g. 103,128,129)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No       |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| serviceOrderReference  | Order type; acceptable values include:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No       |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
|                        | <table><tr><th>Value</th><th>Description</th></tr><tr><td>NEW</td><td>New number order (inventory, load, or port-in)</td></tr><tr><td>DISCO</td><td>Disconnect number order</td></tr><tr><td>CHANGE</td><td>Trunk group/routing update or</td></tr></table>                                                                                                                                                                                                                                                                                                                                     | Value    | Description | NEW | New number order (inventory, load, or port-in)            | DISCO | Disconnect number order | CHANGE | Trunk group/routing update or |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| Value                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| NEW                    | New number order (inventory, load, or port-in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| DISCO                  | Disconnect number order                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |
| CHANGE                 | Trunk group/routing update or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |     |                                                           |       |                         |        |                               |     |                      |     |                                |     |                                       |     |                              |     |                         |     |                           |  |

| feature change order  |                                                                                                                                                                                                                                                                                                                     |       |             |          |            |         |         |       |                |      |          |      |        |    |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|----------|------------|---------|---------|-------|----------------|------|----------|------|--------|----|
| orderStatus           | Order status; acceptable values include: <table><tr><th>Value</th><th>Description</th></tr><tr><td>INCOMPLT</td><td>Incomplete</td></tr><tr><td>PENDING</td><td>Pending</td></tr><tr><td>PCNCL</td><td>Pending Cancel</td></tr><tr><td>CNCL</td><td>Canceled</td></tr><tr><td>CLSD</td><td>Closed</td></tr></table> | Value | Description | INCOMPLT | Incomplete | PENDING | Pending | PCNCL | Pending Cancel | CNCL | Canceled | CLSD | Closed | No |
| Value                 | Description                                                                                                                                                                                                                                                                                                         |       |             |          |            |         |         |       |                |      |          |      |        |    |
| INCOMPLT              | Incomplete                                                                                                                                                                                                                                                                                                          |       |             |          |            |         |         |       |                |      |          |      |        |    |
| PENDING               | Pending                                                                                                                                                                                                                                                                                                             |       |             |          |            |         |         |       |                |      |          |      |        |    |
| PCNCL                 | Pending Cancel                                                                                                                                                                                                                                                                                                      |       |             |          |            |         |         |       |                |      |          |      |        |    |
| CNCL                  | Canceled                                                                                                                                                                                                                                                                                                            |       |             |          |            |         |         |       |                |      |          |      |        |    |
| CLSD                  | Closed                                                                                                                                                                                                                                                                                                              |       |             |          |            |         |         |       |                |      |          |      |        |    |
| tn                    | Ten-digit telephone number (e.g. 8156680000)                                                                                                                                                                                                                                                                        | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| createdDateStartRange | Earliest order creation date to return (e.g. 2015-12-20)                                                                                                                                                                                                                                                            | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| createdDateEndRange   | Latest order creation date to return (e.g. 2015-12-20)                                                                                                                                                                                                                                                              | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| pageSort              | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                          | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| property              | Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate                                                                                                                                                                                                                | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| direction             | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                              | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| size                  | Result page size; integer value                                                                                                                                                                                                                                                                                     | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| page                  | Result page number; integer value                                                                                                                                                                                                                                                                                   | No    |             |          |            |         |         |       |                |      |          |      |        |    |
| searchId              | searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response                                                                                                                                               | No    |             |          |            |         |         |       |                |      |          |      |        |    |

#### Response:

| Parameter  | Description                                                                                                      | Type   |
|------------|------------------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                        | String |
| statusCode | 200 - Successful                                                                                                 | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                                  | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                            | String |
|            | 408 - Private Key cannot be blank.                                                                               | String |
|            | 430 - No Result Found                                                                                            | String |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                                     | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = , ] , [ , ! | String |
|            | 409 - Invalid TN submitted: Must be of 10 Digits                                                                 | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                                | String |

P.S. If productid and productIdList provided then productIdList takes precedence.

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "createdDateStartRange": "2015-12-22",
  "productId": 103,
  "tn": 3344123221
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1026470,
        "orderStatus": "Closed",
        "productName": "Telephone Number",
        "customerOrderReference": "TestOrder04",
        "serviceOrderName": "New",
        "desiredDueDate": "2015-12-31",
        "desiredPortTime": "",
        "tnQuantity": 1,
        "createdDate": "2015-12-21",
        "createdUser": "api_user",
        "lastModifiedString": "20151222145729830902000-0500"
      }
    ]
  },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "141213799652"
}
```

## View Order Detail

POST /orderDetail

This operation allows you to obtain details about an existing order along with order notes and process notes (for Port-In orders)

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |

\*A value must be sent for either orderId or customerOrderReference

P.S. Order notes and process notes added to orderDetail API response.

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/orderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "TestOrder"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 7735162004,
        "lsrNumber": "",
        "trunkGroup": "CHCGIL24CL1_897",
        "routingOption": "CHCGIL24CL2_997",
        "endUser": {
          "name": "Marcia Bog",
          "streetNum": 123,
          "streetPreDir": "",
          "streetName": "Winding",
          "streetType": "Way",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": "",
          "city": "Chicago",
          "state": "IL",

```

```

        "postalCode": "60661",
        "typeOfService": "Residence",
        "status": "Received"
    },
    "tnFeature": {},
    "tnGroup": "Group ID 65159 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "0001234",
    "atn": "8885551234",
    "lata": "358",
    "rateCenter": "CHICGOZN02",
    "province": "IL",
    "tnStatus": "PIN required/invalid",
    "authName": "Marcia Bog",
    "authDate": "2016-05-20 00:00:00.0",
    "accountPin": "",
    "cnamEnabled": "N", "cnamDip": "N",
    "cnamStatus": "",
    "dlEnabled": "Y",
    "dlStatus": "Failed",
    "e911Enabled": "N",
    "e911Status": "",
    "msgEnabled": "Y",
    "msgStatus": "Complete",
    "routingLabel": "",
    "respOrgName": "",
    "respOrgPrefix": "",
    "ciclist": {"cic": []},
    "cicCompanyList": {"cicCompany": []}
  ]],
  "orderId": 1054832,
  "orderStatus": "Pending",
  "productName": "LNP Port-In",
  "serviceOrderName": "New",
  "customerOrderReference": "TestOrder",
  "createdUser": "api_user",
  "desiredDueDate": "2015-12-24",
  "desiredPortTime": "09:00 US/Central",
  "orderNotes": [ {
    "note": "This is a note!",
    "insertDate": "2015-12-16 17:09:55.0",
    "insertUser": "api_user"
  }, {
    "note": "This is another note.",
    "insertDate": "2015-12-15 17:09:55.0",
    "insertUser": "api_user"
  } ]
}

```

## Retrieve Excluded Telephone Number List

POST /excludedTnList

This operation allows you to view an order's list of excluded numbers and reasons.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

|                        |                          |     |
|------------------------|--------------------------|-----|
| orderId                | Order number             | No* |
| customerOrderReference | Customer Order Reference | No* |
| tn                     | Telephone number         | No* |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid TN submitted: Must be of 10 Digits                          | String |

\*A value must be sent for either tn or orderId or customerOrderReference

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/excludedTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345",
  "tn": "7278482111"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedTnList": {"excludedTnItem": [
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is on an existing order",
      "insertDate": "2017-04-19",
      "displayName": "test.user@customer.com"
    },
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is already assigned to this customer",
      "insertDate": "2017-04-27",
      "displayName": "test.user@customer.com"
    }
  ]}
}
```

```
  ]}
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results found",
  "statusCode": "430"
}
```

## Retrieve Excluded Telephone Number List

POST /excludedTnFromTnOrderList

This operation allows you to view an order's list of excluded numbers and reasons.

| Value         | Description                                   | Required |
|---------------|-----------------------------------------------|----------|
| privateKey    | API key required to validate your application | Yes      |
| productIdList | Product Id List                               | No*      |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productIdList": "102,109"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedTnList": {"excludedTnItem": [
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is on an existing order",
      "insertDate": "2017-04-19",
      "displayName": "test.user@customer.com"
    },
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is already assigned to this customer",
      "insertDate": "2017-04-27",
      "displayName": "test.user@customer.com"
    }
  ]}
}
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results found",
  "statusCode": "430"
}
```

## Retrieve Excluded Feature List

POST /excludedFeatureList

This operation allows you to view an order's list of excluded number features and reasons.

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

\*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedFeatureList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
}
```

```

    "excludedFeatureList": {"excludedFeatureItem": [
      {
        "tn": 8677461244,
        "excludedReason": "Directory Listing is not supported"
      },
      {
        "tn": 8677461244,
        "excludedReason": "E911 is not supported"
      },
      {
        "tn": 8677461244,
        "excludedReason": "Port-out PIN is not supported"
      }
    ]}
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{ "status": "No Results found",
  "statusCode": "430" }

```

## Retrieve Excluded E911 Detail

POST /excludedE911Detail

This operation allows you to retrieve an order's list of excluded numbers with details and excluded reason for which E911 feature requested but not successful due to various reasons.

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 411 - Unknown Error                                                       | String |

\*A value must be sent for either orderId or customerOrderReference

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedE911Detail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedE911Detail": {"excludedFeatureItem": [
    {
      "tn": "3123488244",
      "name": "James Holden",
      "origStreetNum": "550",
      "origStreetInfo": "Adams",
      "origLocation": "9th floor",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "origPostalCodePlusFour": "3665",
      "excludedReason": "The address given could not be validated. | Please verify that the provided address is correct. | Multiple addresses found (may be missing pre-directional)",
      "insertDate": "2019-02-20",
      "displayName": "test.user@customer.com"
    },
    {
      "tn": "3123488245",
      "name": "John Charles",
      "origStreetNum": "224",
      "origStreetInfo": "Canal",
      "origLocation": "",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60601",
      "origPostalCodePlusFour": "",
      "excludedReason": "The address given could not be validated. | Please verify that the provided address is correct. | Multiple addresses found (may be missing pre-directional)",
      "insertDate": "2019-02-20",
      "displayName": "test.user@customer.com"
    }
  ]}
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results found",
  "statusCode": "430"
}
```

## Update Pending Order

POST /orderUpdate

This operation allows you to update information on a Pending order.

| Parameter              | Description                                                                    | Required |
|------------------------|--------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                  | Yes      |
| orderUpdate            | Contains updated order information                                             | Yes      |
| orderId                | Existing order number                                                          | No*      |
| customerOrderReference | Customer Order Reference                                                       | No*      |
| desiredDueDate         | New desired due date for the order (e.g. 2015-12-15)                           | No       |
| desiredPortTime        | New desired port time in HH:MM (e.g. 14:00)                                    | No*      |
| desiredPortTimeZone    | Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT | No*      |
| onDemandActivation     | Acceptable values are Y and N                                                  | No*      |
| tnList                 | Contains telephone number(s) to be updated                                     | No**     |
| tnItem                 | Contains telephone number(s) to be updated                                     | No**     |
| tn                     | Ten-digit telephone number to apply updates                                    | No**     |
| trunkGroup             | New desired trunk group for the telephone number                               | No**     |
| portOutPin             | PIN for onnet port-out protection (Tier 0 & HI)                                | No       |
| tnNote                 | Optional note value to be stored on the number                                 | No       |
| accountNum             | Billing account number                                                         | No**     |
| atn                    | Billing account telephone number                                               | No**     |
| accountPin             | Alphanumeric account PIN or password                                           | No       |
| authName               | Name of port-in authorizer                                                     | No**     |
| authDate               | Date of port-in authorization (e.g. 2015-12-15)                                | No**     |
| cancelTn               | Enter Y to cancel a Pending telephone number                                   | No       |
| endUser                | End user information for the telephone number                                  | No***    |
| name                   | End user name                                                                  | No***    |
| streetNum              | End user address street number (e.g. 100, 550)                                 | No***    |
| streetPreDir           | End user address street direction prefix (e.g. N)                              | No       |
| streetName             | End user address street name                                                   | No***    |
| streetType             | End user address street type (e.g. St, Ave)                                    | No       |
| streetPostDir          | End user address street direction ending (e.g. SW)                             | No       |
| locationType1          | End user address location type 1 (e.g. Bld, Apt)                               | No       |
| locationValue1         | End user address location value 1 (e.g. 1, 2B)                                 | No       |
| locationType2          | End user address location type 2 (e.g. Flr, Ste)                               | No       |
| locationValue2         | End user address location value 2 (e.g. 1, 900)                                | No       |
| city                   | End user address city                                                          | No***    |
| state                  | End user address state                                                         | No***    |
| postalCode             | End user address zip code                                                      | No***    |
| typeOfService          | Acceptable values are B, Business, R and                                       | No***    |

## Residence

\*Asterisks indicate parameters that must be sent together

\*A value must be sent for either orderId or customerOrderReference

|                       |                                                                                                                                  |        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|--------|
| tnFeature             | Contains feature updates for the telephone number                                                                                | No     |
| callerId              | Changes to caller ID (CNAM)                                                                                                      | No     |
| callingName           | New or updated caller ID outbound display name (LIDB storage); 15 characters or fewer and should have at least 1 alpha character | No     |
| cancelFeature Request | Enter Y to cancel a request to add caller ID information to the telephone number                                                 | No     |
| cnamDip               | Change CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                                                 | No     |
| directory Listing     | Changes to directory listing information                                                                                         | No     |
| lastName              | DL last name (if typeOfService is R) or business (if B)                                                                          | No     |
| firstName             | DL last name (if typeOfService is R) or business (if B)                                                                          | No     |
| streetNum             | New or updated directory listing address street number (e.g. 100, 550)                                                           | No     |
| streetPreDir          | New or updated directory listing address street direction prefix (e.g. N)                                                        | No     |
| streetName            | New or updated directory listing address street name                                                                             | No     |
| streetType            | New or updated directory listing address street type (e.g. St, Ave)                                                              | No     |
| streetPostDir         | New or updated directory listing address direction ending (e.g. SW)                                                              | No     |
| location              | New or updated directory listing location (e.g. Ste 900)                                                                         | No     |
| city                  | New or updated directory listing address city                                                                                    | No     |
| state                 | New or updated directory listing address state                                                                                   | No     |
| postalCode            | New or updated directory listing address zip code                                                                                | No     |
| cancelFeature Request | Enter Y to cancel a request to add directory listing information to the telephone number                                         | No     |
| e911                  | Changes to E911 information                                                                                                      | No     |
| name                  | New or updated E911 first and last name                                                                                          | No**** |
| origStreetNum         | New or updated E911 address street number (e.g. 100)                                                                             | No**** |
| origStreetInfo        | New or updated E911 address street information (e.g. W Adams St)                                                                 | No**** |
| origLocation          | New or updated E911 address location (e.g. Suite 900)                                                                            | No     |
| origCity              | New or updated E911 address city                                                                                                 | No**** |
| origState             | New or updated E911 address state                                                                                                | No**** |
| origPostalCode        | New or updated E911 address zip code                                                                                             | No**** |
| origPostalCode        | E911 address zip code plus four                                                                                                  | No     |

|                      |                                                                                                       |    |
|----------------------|-------------------------------------------------------------------------------------------------------|----|
| PlusFour             |                                                                                                       |    |
| cancelFeatureRequest | Enter Y to cancel a request to add E911 information to the telephone number                           | No |
| messaging            | Changes to messaging services                                                                         | No |
| messageType          | New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX                             | No |
| messageClass         | New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT | No |
| cancelFeatureRequest | Enter Y to cancel a request to add messaging services to the telephone number                         | No |

#### Response:

| Parameter  | Description                                                                                               | Type   |
|------------|-----------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                 | String |
| statusCode | 200 - Successful                                                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                     | String |
|            | 408 - Private Key cannot be blank.                                                                        | String |
|            | 430 - No Result Found                                                                                     | String |
|            | 411 - Unknown Error                                                                                       | String |
|            | 418 - Character limit is exceeded for:CustomerOrderReference                                              | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, `, }, {, >, =, ], [, ! | String |
|            | 418 - Character limit is exceeded for: resellerName                                                       | String |
|            | 409 - ResellerName must be alpha numeric and can include space.                                           | String |
|            | 409 - Invalid TN submitted:(Tn List)                                                                      | String |
|            | 410 - DB Error:(Database Error)                                                                           | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                         | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderUpdate": {
    "orderId": 1026470,
    "customerOrderReference": "customerRef12345",
    "desiredDueDate": "2015-12-15",
    "desiredPortTime": "08:30:00-0600",
```

```

"tnList": {
  "tnItem": [
    {
      "tn": 3124579516,
      "cancelTn": "Y"
    },
    {
      "tn": 3124579518,
      "tnFeature": {
        "e911": {
          "name": "Patricia Burgher",
          "origStreetNum": "100",
          "origStreetInfo": "N Main St",
          "origCity": "Chicago",
          "origState": "IL",
          "origPostalCode": "60661"
        },
        "messaging": {
          "cancelFeatureRequest": "Y"
        }
      }
    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}

```

## Cancel Pending Order

POST /orderCancel

This operation allows you to cancel an order in Pending status.

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |

|                                                                       |        |
|-----------------------------------------------------------------------|--------|
| 414 - Fields Are Required:(All Required Fields)                       | String |
| 431 - Unable to complete the request at the moment, please try again. | String |
| 408 - Private Key cannot be blank.                                    | String |
| 410 - DB Error:(Database Error)                                       | String |
| 411 - Unknown Error                                                   | String |
| 409 - Invalid Input Parameters:(All Input Fields)                     | String |

\*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderCancel HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Add Order Note

POST /orderAddNote

This operation allows you to add a note to an existing order.

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |
| orderNote              | Note text to be added to the order            | Yes      |

Response:

| Parameter | Description                                                               | Type   |
|-----------|---------------------------------------------------------------------------|--------|
| status    | Indicates whether the API call was successful. Values: Success or Failure | String |

|            |                                                                       |        |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 410 - DB Error:(Database Error)                                       | String |
|            | 411 - Unknown Error                                                   | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|            | 408 - orderNote must not exceed 4000 characters.                      | String |

\*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderAddNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345",
  "orderNote": "This is a note!"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "noteId": "29984646"
}
```

## View Order Note

POST /orderNote

This operation allows you to view notes associated to an existing order.

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 411 - Unknown Error                                                       | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 408 - orderNote must not exceed 4000 characters.                          | String |

\*A value must be sent for either orderId or customerOrderReference

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/orderNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderNote": {
    "orderNoteType": [ {
      "noteId": "29984650",
      "note": "This is a note!",
      "insertDate": "2015-12-16 17:09:55.0",
      "insertUser": "api_user"
    }, {
      "noteId": "29984649",
      "note": "This is another note.",
      "insertDate": "2015-12-15 17:09:55.0",
      "insertUser": "api_user"
    } ]
  }
}
```

## Add Order Document

POST /orderAddDocument

This operation allows you to add a document to an existing order.

| Value                  | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |
| documentName           | Name of document to attach                    | Yes      |
| documentDescription    | Description for document to attach            | No       |
| fileContent            | Base64 encoded document to be attached        | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 411 - Unknown Error                                                       | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 415 - Unable to add: Order Document                                       | String |
|            | 409 - Invalid File Content Exception: While decoding file content         | String |

\*A value must be sent for either orderId or customerOrderReference

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345",
  "documentName": "TestDoc",
  "fileContent": "U29tZSB1bmNvZGVkIHRleHQ="
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "documentId": "207032"
}
```

## Retrieve Order Document

POST /orderDocument

This operation allows you to retrieve documents attached to an existing order.

| Parameter              | Description                                   | Required |
|------------------------|-----------------------------------------------|----------|
| privateKey             | API key required to validate your application | Yes      |
| orderId                | Existing order number                         | No*      |
| customerOrderReference | Customer Order Reference                      | No*      |

## Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 410 - DB Error:(Database Error)                                           | String |

\*A value must be sent for either orderId or customerOrderReference

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDocumentList": {
    "orderDocument": [
      {
        "documentId": 207032,
        "documentName": "TestDoc01",
        "fileContent": "U29tZSB1bmNvZGVkIHRleHQ=",
        "description": "",
        "mimeType": ""
      }
    ]
  }
}
```

## Reject Port Out Telephone Number

POST /tnPortOutReject

This operation allows you to reject a TN that was submitted on a Port-Out order for specific reasons. This operation is mainly applicable to the losing carrier.

### Request:

| Parameter       | Description                                                                                                                                                                                                                                           | Required |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey      | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a>                                                                                                                    | Yes      |
| tnPortOutReject | Contains TN information                                                                                                                                                                                                                               | Yes      |
| tn              | Ten-digit telephone number which needs to be rejected (e.g. 8156680000)                                                                                                                                                                               | Yes      |
| orderId         | Order ID on which the TN exists that needs to be rejected                                                                                                                                                                                             | Yes      |
| rejectReason    | Reason why the TN is getting rejected on the Port Out Order. Valid Values are:<br>"PIN": PIN required/invalid<br>"DATAMIS": All data mismatch<br>"AUTHNMMIS": Auth name mismatch<br>"INVACCT": Invalid account number<br>"INVZIPCD": Invalid zip code | Yes      |

**Response:**

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 430 - No Result Found                                                 | String |
|            | 410 - DB Error:(Database Error)                                       | String |
|            | 414 - Invalid value entered for:(Input Fields)                        | String |
|            | 409 - Invalid Input Parameters:(Input Fields)                         | String |
|            | 411 - Unknown Error                                                   | String |
| status     | Indicates whether the API call was successful or failure              | String |

**Example Request 1:**

```
POST https://services.inteliquent.com/Services/1.0.0/tnPortOutReject HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnPortOutReject":{
    "orderId":1501843,
    "tn":"8082017948",
    "rejectReason":"INVZIPCD"
  }
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success"
}
```

## Approve Port Out Order

POST /portOutApproval

This operation allows you to approve all the TNs on a Port-Out order. This operation is mainly applicable to the losing carrier.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID on which the TN exists that needs to be rejected                                                                          | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 432 - TN Excluded                                                         | String |
|            | 408 - orderId can not be blank.                                           | String |

### Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/portOutApproval HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1501843
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success"
}
```

## Messaging Brand and Campaign Management

The following API calls allow you to create, update and provide information regarding Messaging Brand & Campaign:

- [POST /addMessagingBrand](#)
- [POST /updateMessagingBrand](#)
- [POST /addMessagingCampaign](#)
- [POST /updateMessagingCampaign](#)
- [POST /messagingCampaignClassList](#)
- [POST /messagingBrandList](#)
- [POST /messagingBrandCampaignList](#)
- [POST /messageCampaigns](#)
- [POST /tnMessagingCampaignList](#)
- [POST /tnMessagingCampaign](#)

The following API calls allow you to manage your brands and campaigns. These calls allow you to create new brands, create new campaigns, assign telephone numbers to existing campaigns, search for brands and campaigns.

Reference List APIs:

- [POST /messagingBrand/entityList](#)
  - Call this endpoint to obtain a list of supported entities
- [POST /messagingBrand/relationshipList](#)
  - Call this endpoint to retrieve supported relationships and one needs to be passed to provision a brand
- [POST /messagingBrand/brandStatusList](#)
  - Call this endpoint to retrieve supported brand status lists and one needs to be passed to provision a brand
- [POST /messagingBrand/brandStockExchangeList](#)
  - Call this endpoint to retrieve supported stock exchange lists and one needs to be passed to provision a brand
- [POST /messagingBrand/alternateBusinessIdTypeList](#)
  - Call this endpoint to retrieve supported alternate business IDs and one needs to be passed to provision a brand
- [POST /messagingBrand/alternateBusinessIdTypeList](#)
  - Call this endpoint to retrieve supported alternate business Id Lists and one needs to be passed to provision a brand
- [POST /messagingBrand/verticalList](#)
  - Call this endpoint to retrieve supported brand vertical lists and one needs to be passed to provision a brand

Provisioning APIs:

- [POST /brandOrder](#)
- [POST /brandOrderList](#)
- [POST /brandOrderDetail](#)
- [POST /messagingBrand/useCaseList](#)
  - Call this endpoint to retrieve supported use cases for your brand and one needs to be passed to provision a brand
- [POST /messagingBrand/subUseCaseList](#)

- Call this endpoint to retrieve supported sub use cases by and one needs to be passed to provision a brand if your use case has a minSubUseCases value of greater than zero
- [POST /campaignOrder](#)
- [POST /campaignOrderList](#)
- [POST /campaignOrderDetail](#)
- [POST /campaignDetail](#)
- [POST /registerCampaignCredentials](#)
- [POST /campaignCredentials](#)

## Add Messaging Brand

POST /addMessagingBrand

This operation allows you to create a messaging brand.

### Request:

| Parameter                 | Description                                                                                           | Required |
|---------------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey                | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| messagingBrandId          | Brand ID                                                                                              | Yes      |
| messagingBrandName        | Messaging Brand Name                                                                                  | No       |
| messagingBrandDescription | Messaging Brand Description                                                                           | No       |

### Response:

| Parameter  | Description                                                                                         | Type   |
|------------|-----------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                           | String |
| statusCode | 200 - Successful                                                                                    | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                     | String |
|            | 431 - Unable to complete the request at the moment, please try again.                               | String |
|            | 408 - Private Key cannot be blank.                                                                  | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                   | String |
|            | 411 - Unknown Error                                                                                 | String |
|            | 409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only | String |
|            | 470 - Brand Name already exists                                                                     | String |
|            | 410 - DB Error:(Database Error)                                                                     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingBra HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "messagingBrandName": "BRANDName",
  "messagingBrandDescription": "Brand Description"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Update Messaging Brand

POST /updateMessagingBrand

This operation allows you to update a messaging brand.

## Request:

| Parameter                 | Description                                                                                           | Required |
|---------------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey                | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| messagingBrandId          | Messaging Brand ID                                                                                    | Yes      |
| messagingBrandName        | Messaging Brand Name                                                                                  | No       |
| messagingBrandDescription | Messaging Brand Description                                                                           | No       |
| isActive                  | Messaging Brand is Active Or In Active. Value To be "Y" or "y" / "N" or "n"                           | Yes      |

## Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 414 - Fields Are Required:(All Required Fields)                              | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                            | String |

|                                                                                                     |        |
|-----------------------------------------------------------------------------------------------------|--------|
| 411 - Unknown Error                                                                                 | String |
| 409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only | String |
| 470 - Brand Name already exists                                                                     | String |
| 410 - DB Error:(Database Error)                                                                     | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/updateMessagingBrand HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "messagingBrandName": "BRANDNAME",
  "messagingBrandDescription": "description details",
  "isActive": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Add Messaging Campaign

POST /addMessagingCampaign

This operation allows you to add a messaging campaign.

**Request:**

| Parameter           | Description                                                                                           | Required |
|---------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey          | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| messagingBrandId    | Messaging Brand ID                                                                                    | Yes      |
| messagingBrandName  | Messaging Brand Name                                                                                  | No       |
| externalCampaignId  | Campaign Any External Campaign Id                                                                     | Yes      |
| campaignDescription | Messaging Campaign Description                                                                        | No       |
| campaignClassName   | Messaging Campaign Class Name                                                                         | Yes      |
| campaignStartDate   | Messaging Campaign Start Date                                                                         | Yes      |

**Response:**

| Parameter  | Description                                                                                         | Type   |
|------------|-----------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                           | String |
| statusCode | 200 - Successful                                                                                    | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                     | String |
|            | 431 - Unable to complete the request at the moment, please try again.                               | String |
|            | 408 - Private Key cannot be blank.                                                                  | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                                                   | String |
|            | 411 - Unknown Error                                                                                 | String |
|            | 409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only | String |
|            | 409 - Invalid externalCampaignId format                                                             | String |
|            | 409 - externalCampaignId is not ACTIVE                                                              | String |
|            | 409 - externalCampaignId is not registered                                                          | String |
|            | 430 - No Result Found                                                                               | String |
|            | 410 - DB Error:(Database Error)                                                                     | String |
|            | Invalid Brand is not active                                                                         | String |
|            | Invalid Brand does not exist                                                                        | String |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "externalCampaignId": "86989",
  "campaignDescription": "Campaign-2",
  "campaignClassName": "YA",
  "campaignStartDate": "2021-01-01T00:00:00.000Z"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Update Messaging Campaign

POST /updateMessagingCampaign

This operation allows you to update a messaging campaign.

### Request:

| Parameter           | Description                                                                                           | Required |
|---------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey          | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| externalCampaignId  | External Campaign ID                                                                                  | No       |
| messagingCampaignId | Messaging Campaign Id                                                                                 | Yes      |
| campaignDescription | Messaging Campaign Description                                                                        | No       |
| campaignClassName   | Messaging Campaign Class Name                                                                         | Yes      |
| campaignStartDate   | Messaging Campaign Start Date                                                                         | Yes      |
| campaignEndDate     | Messaging Campaign End Date                                                                           | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                         | String |
|            | 411 - Unknown Error                                                       | String |
|            | 409 - Invalid externalCampaignId format                                   | String |
|            | 409 - externalCampaignId is not ACTIVE                                    | String |
|            | 409 - externalCampaignId is not registered                                | String |
|            | 430 - No Result Found                                                     | String |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 1759 - Bad data. Error completing the request at the moment.              | String |
|            | 409 - Campaign has TNs associated please remove the TNs and try again     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/updateMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "externalCampaignId": "C12345",
  "messagingCampaignId": "23",
  "campaignDescription": "Campaign-2",
  "campaignClassName": "YA",
  "campaignStartDate": "2021-01-01T00:00:00.000Z",
  "campaignEndDate": "2021-01-02T00:00:00.000Z"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Messaging Campaign Class List

POST /messagingCampaignClassList

This operation allows you to view Campaign Class List.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |

### Response:

| Parameter                  | Description                                                           | Type   |
|----------------------------|-----------------------------------------------------------------------|--------|
| statusCode                 | 200 - Successful                                                      | String |
|                            | 414 - Fields Are Required:(All Required Fields)                       | String |
|                            | 431 - Unable to complete the request at the moment, please try again. | String |
|                            | 408 - Private Key cannot be blank.                                    | String |
|                            | 430 - No Result Found                                                 | String |
| status                     | Indicates the actual error that occurred.                             | String |
| messageCampaignClassList   | List of Campaign Class                                                | Object |
| messageCampaignClassItem   | List of Campaign Class Item                                           | List   |
| messagingCampaignClassName | Name of Campaign Class                                                | String |

messagingCampaignClassReference    Reference Name of Campaign Class    String

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingCampaignClassList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageCampaignClassList": {
    "messageCampaignClassItem": [
      {
        "messagingCampaignClassName": "A"
      },
      {
        "messagingCampaignClassName": "Testing Campaign 1"
      }
    ]
  }
}
```

## Messaging Brand List

POST /messagingBrandList

This operation allows you to view Brands List.

#### Request:

| Parameter          | Description                                                                                           | Required |
|--------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey         | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| messagingBrandId   | Search by messaging brand ID                                                                          | No       |
| messagingBrandName | Search by messaging brand name                                                                        | No       |

#### Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |

|                           |                                                                     |        |
|---------------------------|---------------------------------------------------------------------|--------|
|                           | 408 - Private Key cannot be blank.                                  | String |
|                           | 430 - No Result Found                                               | String |
| status                    | Indicates the actual error that occurred.                           | String |
| messagingBrandList        | List of Brands                                                      | List   |
| messagingBrandItem        | Brand Item object                                                   | Object |
| messagingBrandId          | External Brand ID                                                   | String |
| messagingBrandName        | Name of Brand                                                       | String |
| messagingBrandDescription | Description of Messaging Brand                                      | String |
| isActive                  | Messaging Brand is Active or Inactive<br>Possible Values:<br>Y or N | String |

#### Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Request 2:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345"
}
```

#### Example Request 3:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandName": "brand name"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandList": {
    "messagingBrandItem": [
      {
        "messagingBrandId": "BTEST123",
        "messagingBrandName": "Brand A",
        "messagingBrandDescription": "Brand A Description",
        "isActive": "Y"
      }
    ]
  }
}
```

```

    },
    {
      "messagingBrandId": "BTEST345",
      "messagingBrandName": "Brand B",
      "messagingBrandDescription": "Brand B Description",
      "isActive": "Y"
    }
  ]
}

```

## Messaging Brand Campaign List

POST /messagingBrandCampaignList

This operation allows you to view Brands List.

### Request:

| Parameter          | Description                                                                                           | Required |
|--------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey         | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| messagingBrandId   | External Brand ID                                                                                     | No       |
| messagingBrandName | Messaging Brand Name to filter by Brand Name                                                          | No       |

### Response:

| Parameter                  | Description                                                           | Type   |
|----------------------------|-----------------------------------------------------------------------|--------|
| statusCode                 | 200 - Successful                                                      | String |
|                            | 414 - Fields Are Required:(All Required Fields)                       | String |
|                            | 431 - Unable to complete the request at the moment, please try again. | String |
|                            | 408 - Private Key cannot be blank.                                    | String |
|                            | 430 - No Result Found                                                 | String |
| status                     | Indicates the actual error that occurred.                             | String |
| messagingBrandCampaignList | List of Campaigns associated with a Brand                             | List   |
| messagingBrandCampaignItem | Brand Campaign Item object                                            | Object |
| messagingBrandId           | External Brand Id                                                     | String |
| messagingBrandName         | Name of Brand                                                         | String |
| messagingBrandDescription  | Description of Messaging Brand                                        | String |
| externalCampaignId         | External Id of Messaging Campaign                                     | String |
| messagingCampaignId        | Id of Messaging Campaign                                              | String |
| campaignDescription        | Description of Messaging Campaign                                     | String |
| campaignClassName          | Name of Messaging Campaign Class                                      | String |
| campaignStartDate          | Messaging Campaign Start Date                                         | String |

|                 |                                                                            |        |
|-----------------|----------------------------------------------------------------------------|--------|
| campaignEndDate | Messaging Campaign End Date                                                | String |
| isDcaApproved   | Indicates if the campaign is approved by the DCA. Possible values: Y and N | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandCampaignList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandName": "Abcd"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandCampaignList": {
    "messagingBrandCampaignItem": [
      {
        "messagingBrandName": "AAA Test",
        "messagingBrandDescription": "AAA Test Description"
      },
      {
        "externalCampaignId": "444",
        "campaignDescription": "Campaign start date test",
        "campaignClassName": "Z",
        "campaignStartDate": "2021-05-24T00:00:00.000Z",
        "campaignEndDate": "9999-12-31T00:00:00.000Z",
        "messagingCampaignId": "280",
        "messagingBrandName": "AAAB Test",
        "messagingBrandDescription": "AAAB Test Description",
        "isDCAApproved": "Y"
      }
    ]
  }
}
```

## Messaging Campaign List

POST /messageCampaigns

This operation allows you to retrieve the current list of messaging campaigns.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter           | Description                                                                                                                                                                        | Type                                 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| statusCode          | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank. | String<br>String<br>String<br>String |
| status              | Indicates whether the API call was successful or failure                                                                                                                           | String                               |
| messageCampaignList | List containing messaging campaigns                                                                                                                                                | List                                 |
| messageCampaignItem | Contains campaign attributes                                                                                                                                                       |                                      |
| msgCampaignId       | Campaign ID                                                                                                                                                                        | String                               |
| description         | Description of the campaign                                                                                                                                                        | String                               |
| startDate           | Start date for the campaign                                                                                                                                                        | ISO 8279 Date format                 |
| endDate             | End date for the campaign                                                                                                                                                          | ISO 8279 Date format                 |
| isBillable          | Y or N – to indicate if the campaign is a billable campaign or not                                                                                                                 | String                               |
| isDcaApproved       | Indicates if the campaign is approved by the DCA.<br>Possible values: Y and N                                                                                                      | String                               |

Example Request 1 – Retrieve List of messaging campaigns:

```
POST https://services.inteliquent.com/Services/1.0.0/messageCampaigns HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " xCgGgoKzWZFH9AXb50A0yn6x8"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageCampaignList": {
    "messageCampaignItem": [
      {
        "msgCampaignId": "C696U7D",
        "description": "Waitlist Me",
        "startDate": "2020-10-28T00:00:00.000Z",
        "endDate": "9999-12-31T00:00:00.000Z",
        "isBillable": "N",
        "isDcaApproved": "Y"
      },
      {
        "msgCampaignId": "CXFXN8B",
        "description": "Customer Care Notifications of construction progress;
Notifications or customer care actions or scheduled dates and events that they have
requested",
        "startDate": "2021-02-17T00:00:00.000Z",
        "endDate": "9999-12-31T00:00:00.000Z",
        "isBillable": "N",
        "isDcaApproved": "N"
      }
    ]
  }
}
```

#### Example Response if no campaigns are found:

```
HTTP/1.1 200 OK
{
  "status": "No Result Found",
  "statusCode": "430"
}
```

## TN Messaging Campaign List

POST /tnMessagingCampaignList

This operation allows you to retrieve the list of TNs that have messaging campaigns assigned.

#### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

**Response:**

| Parameter           | Description                                                           | Type                 |
|---------------------|-----------------------------------------------------------------------|----------------------|
| statusCode          | 200 - Successful                                                      | String               |
|                     | 414 - Fields Are Required:(All Required Fields)                       | String               |
|                     | 431 - Unable to complete the request at the moment, please try again. | String               |
|                     | 408 - Private Key cannot be blank.                                    | String               |
| status              | Indicates whether the API call was successful or failure              | String               |
| messageCampaignList | List containing messaging campaigns                                   | List                 |
| messageCampaignItem | Contains campaign attributes                                          |                      |
| msgCampaignId       | Campaign ID                                                           | String               |
| description         | Description of the campaign                                           | String               |
| startDate           | Start date for the campaign                                           | ISO 8279 Date format |
| endDate             | End date for the campaign                                             | ISO 8279 Date format |
| isBillable          | Y or N – to indicate if the campaign is a billable campaign or not    | String               |

**Example Request 1 – Retrieve List of TNs with messaging campaigns:**

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaignList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " xCgGgoKzWZFH9AXb50A0yn6x8"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{ {
  "status": "Success",
  "statusCode": "200",
  "tnMessageCampaignList": {
    "tnMessageCampaignItem": [
      {
        "tn": "2062788473",
        "msgCampaignId": "CLLOE4H"
      },
      {
        "tn": "2062788474",
        "msgCampaignId": "CLLOE4H"
      },
      {
        "tn": "2062793684",
        "msgCampaignId": "CLLOE4H"
      }
    ]
  }
}
```

```
{
  {
    "tn": "2063394937",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2063394938",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2063395708",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2096434767",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2762432639",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "4698156021",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "5414404030",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6304390865",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6467223300",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6467223301",
    "msgCampaignId": "CLLOE4H"
  }
}
]
```

Example Response if no campaigns are found:

```
HTTP/1.1 200 OK
{
  "status": "No Result Found",
  "statusCode": "430"
}
```

## Adding Messaging Campaigns to TNs

POST /tnMessagingCampaign

This operation allows you to assign a given messaging campaign to a list of telephone numbers.

To remove the campaign from a TN, please pass the removeTnCampaign element with a value of "Y".

### Request:

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| tnCampaign             | Contains telephone number campaign attributes                                                                                      | Yes      |
| customerOrderReference | Customer's order reference                                                                                                         | No       |
| tnList                 | List containing TNs to which the campaigns need to be assigned                                                                     | Yes      |
| tnItem                 | Contains telephone number attributes                                                                                               |          |
| tn                     | Ten-digit telephone number to which the campaign is to be assigned to or removed                                                   | Yes      |
| tnFeature              | Contains feature attributes                                                                                                        | Yes      |
| messaging              | Contains message campaign attributes                                                                                               | Yes      |
| tnCampaign             | Campaign ID to be assigned to the TN                                                                                               | No       |
| removeTnCampaign       | If you want to remove the campaign associated with the given TNs, then pass this flag with a value of "Y"                          | No       |

### Response:

| Parameter  | Description                                                           | Type   |
|------------|-----------------------------------------------------------------------|--------|
| statusCode | 200 - Successful                                                      | String |
|            | 414 - Fields Are Required:(All Required Fields)                       | String |
|            | 431 - Unable to complete the request at the moment, please try again. | String |
|            | 408 - Private Key cannot be blank.                                    | String |
|            | 422 - Order quantity limit is 100,000 numbers.                        | String |
|            | 409 - Invalid TN submitted:(Tn List)                                  | String |
|            | 409 - Invalid Input Parameters:(All Input Fields)                     | String |
|            | 410 - DB Error:(Database Error)                                       | String |
|            | 432 - TN Excluded                                                     |        |
| status     | Indicates whether the API call was successful or failure              | String |
| orderId    | Order Id created for the submitted request                            | int    |

## Example Request 1 – Add new campaign to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaign HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "tnCampaign": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2312518282",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "6142959262",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "6143507488",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "8135788989",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "14753748"
}
```

### Example Request 2 – Remove campaign from multiple TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaign HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "tnCampaign": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2312518282",
          "tnFeature": {
            "messaging": {
              "removeTnCampaign": "Y"
            }
          }
        },
        {
          "tn": "6142959262",
          "tnFeature": {
            "messaging": {
              "removeTnCampaign": "Y"
            }
          }
        }
      ]
    }
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 14753748
}
```

## Supported Entity List

POST /messagingBrand/entityList

This operation retrieves the list of entities that are supported by Inteliquent. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

**Response:**

| Parameter              | Description                                                           | Type   |
|------------------------|-----------------------------------------------------------------------|--------|
| statusCode             | 200 - Successful                                                      | String |
|                        | 414 - Fields Are Required:(All Required Fields)                       | String |
|                        | 431 - Unable to complete the request at the moment, please try again. | String |
|                        | 408 - Private Key cannot be blank.                                    | String |
| status                 | Indicates whether the API call was successful or failure              | String |
| messagingBrandEntities | List containing entities supported.                                   | List   |
| brandEntityRef         | Brand Entity Reference.                                               | String |
| brandEntityName        | Name of the entity.                                                   | String |
| abbreviation           | Abbreviation for the entity.                                          | String |

**Example Request 1 – Get the entity list:**

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/entityList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandEntities": [
    {
      "brandEntityRef": "PRIVPROFIT",
      "brandEntityName": "Private Profit",
      "abbreviation": "PRIVATE_PROFIT"
    },
    {
      "brandEntityRef": "PUBPROFIT",
      "brandEntityName": "Public Profit",
      "abbreviation": "PUBLIC_PROFIT"
    },
    {
      "brandEntityRef": "NONPROFIT",
      "brandEntityName": "Non Profit",
      "abbreviation": "NON_PROFIT"
    },
    {
      "brandEntityRef": "GOVT",
      "brandEntityName": "Government",
      "abbreviation": "GOVERNMENT"
    }
  ]
}
```

## Supported Relationships

POST /messagingBrand/relationshipList

This operation allows you to retrieve supported relationship lists. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter                   | Description                                                                                                                                                                        | Type                                 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| status                      | Indicates whether the API call was successful. Values: Success or Failure                                                                                                          | String                               |
| statusCode                  | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank. | String<br>String<br>String<br>String |
| messagingBrandRelationships | List containing relationships.                                                                                                                                                     | List                                 |
| brandRelationshipRef        | Brand Relationship Reference                                                                                                                                                       | String                               |
| brandRelationshipName       | Relationship name                                                                                                                                                                  | String                               |
| abbreviation                | Relationship abbreviation                                                                                                                                                          | String                               |

### Example Request 1 – Get relationship List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/relationshipList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandRelationships": [
    {
      "brandRelationshipRef": "BSC",
      "brandRelationshipName": "Basic Account",
      "abbreviation": "BASIC_ACCOUNT"
    },
    {
      "brandRelationshipRef": "SML",
      "brandRelationshipName": "Small Account",
      "abbreviation": "SMALL_ACCOUNT"
    }
  ]
}
```

```
{
  {
    "brandRelationshipRef": "MED",
    "brandRelationshipName": "Medium Account",
    "abbreviation": "MEDIUM_ACCOUNT"
  },
  {
    "brandRelationshipRef": "LRG",
    "brandRelationshipName": "Large Account",
    "abbreviation": "LARGE_ACCOUNT"
  },
  {
    "brandRelationshipRef": "KEY",
    "brandRelationshipName": "Key Account",
    "abbreviation": "KEY_ACCOUNT"
  }
}
]
```

## Supported Status List

POST /messagingBrand/brandStatusList

This operation allows you to retrieve supported brand status list. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter              | Description                                                               | Type   |
|------------------------|---------------------------------------------------------------------------|--------|
| status                 | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode             | 200 - Successful                                                          | String |
|                        | 414 - Fields Are Required:(All Required Fields)                           | String |
|                        | 431 - Unable to complete the request at the moment, please try again.     | String |
|                        | 408 - Private Key cannot be blank.                                        | String |
| messagingBrandStatuses | List containing status.                                                   | List   |
| brandStatusRef         | Brand status reference                                                    | String |
| brandStatusName        | Status name                                                               | String |
| abbreviation           | Status abbreviation                                                       | String |

## Example Request 1 – Get Status List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/brandStatusList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandStatuses": [
    {
      "brandStatusName": "Pending",
      "abbreviation": "PENDING"
    },
    {
      "brandStatusName": "Complete",
      "abbreviation": "COMPLETE"
    },
    {
      "brandStatusName": "Failed",
      "abbreviation": "FAILED"
    },
    {
      "brandStatusName": "In Progress",
      "abbreviation": "INPROGRESS"
    },
    {
      "brandStatusName": "Canceled",
      "abbreviation": "CANCELED"
    }
  ]
}
```

## Supported Stock Exchange List

POST /messagingBrand/brandStockExchangeList

This operation allows you to retrieve supported stock exchange list. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter                       | Description                                                                                                                                                                        | Type                                 |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| status                          | Indicates whether the API call was successful. Values: Success or Failure                                                                                                          | String                               |
| statusCode                      | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank. | String<br>String<br>String<br>String |
| messagingBrandStockExchangeList | List containing stock exchange list.                                                                                                                                               | List                                 |
| brandStockExchangeRef           | Brand Stock Exchange reference                                                                                                                                                     | String                               |
| brandStockExchangeName          | Stock Exchange name                                                                                                                                                                | String                               |
| abbreviation                    | Stock Exchange abbreviation                                                                                                                                                        | String                               |

### Example Request 1 – Get Stock Exchange List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/brandStockExchangeList
HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandStockExchangeList": [
    {
      "brandStockExchangeRef": "NONE",
      "brandStockExchangeName": "None",

```

```
    "abbreviation": "NONE"
  },
  {
    "brandStockExchangeRef": "NASDAQ",
    "brandStockExchangeName": "Nasdaq Stock Exchange",
    "abbreviation": "NASDAQ"
  },
  {
    "brandStockExchangeRef": "NYSE",
    "brandStockExchangeName": "NewYork Stock Exchange",
    "abbreviation": "NYSE"
  },
  {
    "brandStockExchangeRef": "AMEX",
    "brandStockExchangeName": "American Stock Exchange",
    "abbreviation": "AMEX"
  },
  {
    "brandStockExchangeRef": "AMX",
    "brandStockExchangeName": "Armenia Securities Exchange",
    "abbreviation": "AMX"
  },
  {
    "brandStockExchangeRef": "ASX",
    "brandStockExchangeName": "Australian Securities Exchange",
    "abbreviation": "ASX"
  },
  {
    "brandStockExchangeRef": "B3",
    "brandStockExchangeName": "Brasil Stock Exchange",
    "abbreviation": "B3"
  },
  {
    "brandStockExchangeRef": "BME",
    "brandStockExchangeName": "Bolsas y Mercados Españoles",
    "abbreviation": "BME"
  },
  {
    "brandStockExchangeRef": "BSE",
    "brandStockExchangeName": "Bombay Stock Exchange",
    "abbreviation": "BSE"
  },
  {
    "brandStockExchangeRef": "FRA",
    "brandStockExchangeName": "Frankfurt Stock Exchange",
    "abbreviation": "FRA"
  },
  {
    "brandStockExchangeRef": "ICEX",
    "brandStockExchangeName": "Indian Commodity Exchange",
    "abbreviation": "ICEX"
  },
  {
    "brandStockExchangeRef": "JPX",
    "brandStockExchangeName": "Japan Exchange Group",
    "abbreviation": "JPX"
  },
  {
    "brandStockExchangeRef": "JSE",
    "brandStockExchangeName": "Johannesburg Stock Exchange",
```

```

    "abbreviation": "JSE"
  },
  {
    "brandStockExchangeRef": "KRX",
    "brandStockExchangeName": "Korean Exchange",
    "abbreviation": "KRX"
  },
  {
    "brandStockExchangeRef": "LON",
    "brandStockExchangeName": "London Stock Exchange",
    "abbreviation": "LON"
  },
  {
    "brandStockExchangeRef": "NSE",
    "brandStockExchangeName": "National Stock Exchange - India",
    "abbreviation": "NSE"
  },
  {
    "brandStockExchangeRef": "OMX",
    "brandStockExchangeName": "Nasdaq Nordic",
    "abbreviation": "OMX"
  },
  {
    "brandStockExchangeRef": "SEHK",
    "brandStockExchangeName": "Stock Exchange of Hong Kong",
    "abbreviation": "SEHK"
  },
  {
    "brandStockExchangeRef": "SGX",
    "brandStockExchangeName": "Singapore Exchange Limited",
    "abbreviation": "SGX"
  },
  {
    "brandStockExchangeRef": "SSE",
    "brandStockExchangeName": "Shanghai Stock Exchange",
    "abbreviation": "SSE"
  },
  {
    "brandStockExchangeRef": "STO",
    "brandStockExchangeName": "Stockholm Stock Exchange",
    "abbreviation": "STO"
  },
  {
    "brandStockExchangeRef": "SWX",
    "brandStockExchangeName": "Swx Swiss Exchange",
    "abbreviation": "SWX"
  },
  {
    "brandStockExchangeRef": "SZSE",
    "brandStockExchangeName": "Shenzhen Stock Exchange",
    "abbreviation": "SZSE"
  },
  {
    "brandStockExchangeRef": "TSX",
    "brandStockExchangeName": "Toronto Stock Exchange",
    "abbreviation": "TSX"
  },
  {
    "brandStockExchangeRef": "TWSE",
    "brandStockExchangeName": "Taiwan Stock Exchange",

```

```

        "abbreviation": "TWSE"
      },
      {
        "brandStockExchangeRef": "VSE",
        "brandStockExchangeName": "Vancouver Stock Exchange",
        "abbreviation": "VSE"
      },
      {
        "brandStockExchangeRef": "OTHER",
        "brandStockExchangeName": "Others",
        "abbreviation": "OTHER"
      }
    ]
  }
}

```

## Supported Alternate Business ID List

POST /messagingBrand/alternateBusinessIdTypeList

This operation allows you to retrieve supported alternate business ID list. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter                              | Description                                                                                                                                                                        | Type                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| status                                 | Indicates whether the API call was successful.<br>Values: Success or Failure                                                                                                       | String                               |
| statusCode                             | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank. | String<br>String<br>String<br>String |
| messagingBrandAlternateBusinessIdTypes | List containing alternate business ID.                                                                                                                                             | List                                 |
| brandAlternateBusinessIdTypeRef        | Brand Alternate business ID reference                                                                                                                                              | String                               |
| brandAlternateBusinessIdTypeName       | Alternate ID name                                                                                                                                                                  | String                               |
| abbreviation                           | Alternate ID abbreviation                                                                                                                                                          | String                               |

## Example Request 1 – Get Alternate Business ID List:

```
POST
https://services.inteliquent.com/Services/1.0.0/messagingBrand/alternateBusinessIdTypeList
HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandAlternateBusinessIdTypes": [
    {
      "brandAlternateBusinessIdTypeRef": "NONE",
      "brandAlternateBusinessIdTypeName": "NONE",
      "abbreviation": "NONE"
    },
    {
      "brandAlternateBusinessIdTypeRef": "DUNS",
      "brandAlternateBusinessIdTypeName": "DUNS",
      "abbreviation": "DUNS"
    },
    {
      "brandAlternateBusinessIdTypeRef": "GIIN",
      "brandAlternateBusinessIdTypeName": "GIIN",
      "abbreviation": "GIIN"
    },
    {
      "brandAlternateBusinessIdTypeRef": "LEI",
      "brandAlternateBusinessIdTypeName": "LEI",
      "abbreviation": "LEI"
    }
  ]
}
```

## Supported Vertical List

POST /messagingBrand/verticalList

This operation allows you to retrieve supported brand vertical list. One these values needs to be passed into the provisioning APIs.

**Request:**

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

**Response:**

| Parameter               | Description                                                               | Type   |
|-------------------------|---------------------------------------------------------------------------|--------|
| status                  | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode              | 200 - Successful                                                          | String |
|                         | 414 - Fields Are Required:(All Required Fields)                           | String |
|                         | 431 - Unable to complete the request at the moment, please try again.     | String |
|                         | 408 - Private Key cannot be blank.                                        | String |
| messagingBrandVerticals | List containing supported verticals.                                      | List   |
| brandVerticalRef        | Brand vertical reference                                                  | String |
| brandVerticalName       | Vertical name                                                             | String |
| abbreviation            | Vertical abbreviation                                                     | String |

**Example Request 1 – Get Vertical List:**

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/verticalList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandVerticals": [
    {
      "brandVerticalRef": "PROF",
      "brandVerticalName": "Professional",
      "abbreviation": "PROFESSIONAL"
    },
    {
      "brandVerticalRef": "REAL",
      "brandVerticalName": "Real Estate",
      "abbreviation": "REAL_ESTATE"
    },
    {
      "brandVerticalRef": "HC",
      "brandVerticalName": "Healthcare",
      "abbreviation": "HEALTHCARE"
    },
    {
      "brandVerticalRef": "HR",
      "brandVerticalName": "Human Resources",
      "abbreviation": "HUMAN_RESOURCES"
    }
  ]
}
```

```
    "brandVerticalRef": "ENERGY",
    "brandVerticalName": "Energy",
    "abbreviation": "ENERGY"
  },
  {
    "brandVerticalRef": "ENT",
    "brandVerticalName": "Entertainment",
    "abbreviation": "ENTERTAINMENT"
  },
  {
    "brandVerticalRef": "RETAIL",
    "brandVerticalName": "Retail",
    "abbreviation": "RETAIL"
  },
  {
    "brandVerticalRef": "TRANSP",
    "brandVerticalName": "Transportation",
    "abbreviation": "TRANSPORTATION"
  },
  {
    "brandVerticalRef": "AGRI",
    "brandVerticalName": "Agriculture",
    "abbreviation": "AGRICULTURE"
  },
  {
    "brandVerticalRef": "INS",
    "brandVerticalName": "Insurance",
    "abbreviation": "INSURANCE"
  },
  {
    "brandVerticalRef": "POSTAL",
    "brandVerticalName": "Postal",
    "abbreviation": "POSTAL"
  },
  {
    "brandVerticalRef": "EDU",
    "brandVerticalName": "Education",
    "abbreviation": "EDUCATION"
  },
  {
    "brandVerticalRef": "HOSP",
    "brandVerticalName": "Hospitality",
    "abbreviation": "HOSPITALITY"
  },
  {
    "brandVerticalRef": "FIN",
    "brandVerticalName": "Financial",
    "abbreviation": "FINANCIAL"
  },
  {
    "brandVerticalRef": "POL",
    "brandVerticalName": "Political",
    "abbreviation": "POLITICAL"
  },
  {
    "brandVerticalRef": "GAMB",
    "brandVerticalName": "Gambling",
    "abbreviation": "GAMBLING"
  },
  {
```

```
        "brandVerticalRef": "LEGAL",
        "brandVerticalName": "Legal",
        "abbreviation": "LEGAL"
    },
    {
        "brandVerticalRef": "CONST",
        "brandVerticalName": "Construction",
        "abbreviation": "CONSTRUCTION"
    },
    {
        "brandVerticalRef": "NGO",
        "brandVerticalName": "Non Profit Organisation",
        "abbreviation": "NGO"
    },
    {
        "brandVerticalRef": "MANF",
        "brandVerticalName": "Manufacturing",
        "abbreviation": "MANUFACTURING"
    },
    {
        "brandVerticalRef": "GOVT",
        "brandVerticalName": "Government",
        "abbreviation": "GOVERNMENT"
    },
    {
        "brandVerticalRef": "TECH",
        "brandVerticalName": "Technology",
        "abbreviation": "TECHNOLOGY"
    },
    {
        "brandVerticalRef": "COMM",
        "brandVerticalName": "Communication",
        "abbreviation": "COMMUNICATION"
    }
  ]
}
```

## Create a new Brand

POST /brandOrder

This operation allows you to submit an order to create/register a new brand.

### Request:

| Parameter              | Description                                                                                                                        | Required  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes       |
| brandOrder             | Encapsulating object                                                                                                               | Yes       |
| customerOrderReference | Customer's order reference                                                                                                         | Yes       |
| brandList              | List of brands included in the order                                                                                               | Yes       |
| brandItem              | Array of all brands included in the order                                                                                          | Array     |
| displayName            | Company's Display Name                                                                                                             | Yes       |
| street                 | Address of the company                                                                                                             | Yes       |
| city                   | City of the company                                                                                                                | Yes       |
| state                  | State for the company                                                                                                              | Yes       |
| postalCode             | Postal Code for the company                                                                                                        | Yes       |
| country                | Country for the company                                                                                                            | Yes       |
| companyName            | Company Name                                                                                                                       | See Table |
| phone                  | Phone Number of the company contact                                                                                                | Yes       |
| email                  | Email address of the company contact                                                                                               | Yes       |
| einIssuingCountry      | Country that issued the Federal ID                                                                                                 | See Table |
| ein                    | Federal ID of the company                                                                                                          | See Table |
| stockSymbol            | Stock symbol of the company                                                                                                        | See Table |
| website                | Web address of the company                                                                                                         | See Table |
| altBusinessIdType      | Alternate Business ID if any                                                                                                       | See Table |
| msgBrandName           | Brand Name                                                                                                                         | Yes       |
| brandStatus            | Brand status                                                                                                                       | Yes       |
| entity                 | Type of Entity                                                                                                                     | Yes       |
| relationship           | Type of Relationship                                                                                                               | See Table |
| stockExchange          | Stock Exchange on which the company is listed                                                                                      | See Table |
| altBusinessName        | Alternate Business Name                                                                                                            | See Table |
| vertical               | Business vertical for the company                                                                                                  | See Table |

***Please see below table to list of required values by entity type.***

| Property Name     | Description                                                                                       | Validation                    | Entity<br>PRIVATE_P<br>ROFIT | Entity<br>PUBLIC_PRO<br>FIT | Entity<br>NON_PROFI<br>T | Entity<br>GOVERNMENT |
|-------------------|---------------------------------------------------------------------------------------------------|-------------------------------|------------------------------|-----------------------------|--------------------------|----------------------|
| displayName       | Brand/Marketing/DBA name of the business                                                          | Max length 255                | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| companyName       | The legal name of the business                                                                    | Max length 255                | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| ein               | Tax ID of the business                                                                            | Max length 21                 | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| einIssuingCountry | 2 letter ISO-2 country code of Tax ID issuing country. E.g. US, CA                                | Default to country. Length 2. | Optional                     | Optional                    | Optional                 | Optional             |
| altBusinessIdType | Alternative Business Identifier Type. e.g. DUNS, LEI, GIIN.                                       | Enumerated values             | Optional                     | Optional                    | Optional                 | Optional             |
| altBusinessId     | Alternative Business Identifier                                                                   | Max length 50                 | Optional                     | Optional                    | Optional                 | Optional             |
| firstName         | First name of business contact                                                                    | Max length 100                | N/A                          | N/A                         | N/A                      | N/A                  |
| lastName          | Last name of business contact                                                                     | Max length 100                | N/A                          | N/A                         | N/A                      | N/A                  |
| phone             | The support contact telephone in e.164 format. E.g. +12023339999                                  | Max length 20                 | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| street            | Street name and house number. E.g. 1000 Sunset Hill Road                                          | Max length 100                | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| city              | City name                                                                                         | Max length 100                | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| state             | State or province. For the United States, please use 2 character codes. E.g. 'CA' for California. | Max length 20                 | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| postalCode        | Zipcode or postal code. E.g. 21012                                                                | Max length 10                 | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| country           | 2 letter ISO-2 country code. E.g. US, CA                                                          | Length 2                      | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| email             | The email address of support contact                                                              | Max length 100                | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| stockSymbol       | The stock symbol of the brand                                                                     | Max length 10                 | N/A                          | Reqd                        | N/A                      | N/A                  |
| stockExchange     | The stock exchange of the brand                                                                   | Enumerated values             | N/A                          | Reqd                        | N/A                      | N/A                  |
| website           | The website of the business                                                                       | Max length 100                | Optional                     | Optional                    | Optional                 | Optional             |
| brandRelationship | Brand relationship level assessed by CSP                                                          | Enumerated values             | Reqd                         | Reqd                        | Reqd                     | Reqd                 |
| vertical          | The segment in which the business operates in                                                     | Enumerated values             | Reqd                         | Reqd                        | Reqd                     | Optional             |

**Response:**

| Parameter  | Description                                                                      | Type    |
|------------|----------------------------------------------------------------------------------|---------|
| status     | Indicates whether the API call was successful. Values: Success or Failure        | String  |
| statusCode | 200 - Successful                                                                 | String  |
|            | 414 - Fields Are Required:(All Required Fields)                                  | String  |
|            | 431 - Unable to complete the request at the moment, please try again.            | String  |
|            | 408 - Private Key cannot be blank.                                               | String  |
|            | 420 - Please setup tcr credentials on TCR API Key page                           |         |
|            | 419 - Error Occurred: Account not message-enabled, remove messaging from request | String  |
|            | 414 - Messaging is not enabled for Customer                                      | String  |
|            | 414 - Invalid value entered for:(All Fields)                                     | String  |
|            | 418 - Character limit is exceeded for:(All String Fields)                        | String  |
|            | 410 - DB Error:(Database Error)                                                  | String  |
| orderId    | Order ID for the submitted request                                               | Integer |
| result     | Array of Strings indicating any errors that may have occurred                    | Array   |

**Example Request 1 – Create a Brand Order:**

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "brandOrder": {
    "customerOrderReference": "12345",
    "brandList": {
      "brandItem": [
        {
          "displayName": "My Test brand",
          "entity": "PUBLIC_PROFIT",
          "brandRelationship": "BASIC_ACCOUNT",
          "street": "910 Deer Valley Rd",
          "city": "Holly",
          "country": "US",
          "state": "Mi",
          "postalCode": "48442",
          "companyName": "Yana Test Company",
          "phone": "1231231234",
          "email": "yogalakshmi.santharam@inteliquent.com",
          "ein": "1231231234",
          "stockSymbol": "test",
          "stockExchange": "AMEX",
          "altBusinessIdType": "GIIN",
          "vertical": "CONSTRUCTION"
        }
      ]
    }
  }
}
```

```

    }
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}

```

## List Brand Orders

POST /brandOrderList

This operation allows you to retrieve a list of brand orders.

**Request:**

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID to filter the results                                                                                                     | No       |

**Response:**

| Parameter  | Description                                                                                             | Type   |
|------------|---------------------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                               | String |
| statusCode | 200 - Successful                                                                                        | String |
|            | 414 - Fields Are Required:(All Required Fields)                                                         | String |
|            | 431 - Unable to complete the request at the moment, please try again.                                   | String |
|            | 408 - Private Key cannot be blank.                                                                      | String |
|            | 409 - Invalid Input Parameters: sortDirection can be either ASC or DESC                                 | String |
|            | 418 - Character limit is exceeded for:customerOrderReference                                            | String |
|            | 410 - DB Error:(Database Error)                                                                         | String |
|            | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =, ], [, ! | String |
|            | 430 - No Result Found                                                                                   | String |
| orderList  | List containing orders.                                                                                 | List   |

|                        |                              |        |
|------------------------|------------------------------|--------|
| orderType              | Array of brand orders        | Array  |
| orderId                | Order Id                     | Int    |
| orderStatus            | Order Status                 | String |
| customerOrderReference | Customer Order reference     | String |
| quantity               | Quantity for the Order       | Int    |
| createdDate            | Date the Order was created   | Date   |
| createdUser            | User who submitted the order | String |

#### Example Request 1 – Get Full Brand Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534051,
        "orderStatus": "Pending",
        "customerOrderReference": "Test123",
        "quantity": 1,
        "createdDate": "2021-12-03T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1533895,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-12-02T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533894,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-12-02T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533400,
        "orderStatus": "Closed",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",

```

```
        "createdUser": "api_user"
      },
      {
        "orderId": 1533399,
        "orderStatus": "Closed",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533398,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533397,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533395,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533394,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533392,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533335,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",
        "createdUser": "api_user"
      }
    ]
  },
}
```

```
{
  "page": "null",
  "totalPages": "1",
  "totalItems": "11",
  "searchId": "257712245847",
  "size": "null"
}
```

#### Example Request 2 – Get specific Brand Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "9gc4biH1DWrNFzuwIIp2BjtwVezX",
  "orderId": 1534051
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534051,
        "orderStatus": "Pending",
        "customerOrderReference": "Test123",
        "quantity": 1,
        "createdDate": "2021-12-03T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      }
    ]
  },
  "page": "null",
  "totalPages": "1",
  "totalItems": "11",
  "searchId": "257712245847",
  "size": "null"
}
```

## Get Brand Order Details

POST /brandOrderDetail

This operation allows you to retrieve details for a specific brand order.

#### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID to filter the results                                                                                                     | Yes      |

**Response:**

| Parameter                | Description                                                                  | Type   |
|--------------------------|------------------------------------------------------------------------------|--------|
| status                   | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode               | 200 - Successful                                                             | String |
|                          | 414 - Fields Are Required:(All Required Fields)                              | String |
|                          | 431 - Unable to complete the request at the moment, please try again.        | String |
|                          | 408 - Private Key cannot be blank.                                           | String |
|                          | 430 - No Result Found                                                        | String |
| brandOrderDetailResponse | Brand Order Details.                                                         |        |
| orderId                  | Order Id                                                                     | Int    |
| orderStatus              | Order Status                                                                 | String |
| customerOrderReference   | Customer Order reference                                                     | String |
| quantity                 | Quantity for the Order                                                       | Int    |
| createdDate              | Date the Order was created                                                   | Date   |
| createdUser              | User who submitted the order                                                 | String |
| orderNotes               | Array of order notes if any                                                  | Object |
| note                     | Note description                                                             | String |
| insertDate               | Date the note was entered                                                    | Date   |
| insertUser               | The user that created the note                                               | String |
| brandList                | List of brands included in the order                                         | Object |
| brandItem                | Array of all brands included in the order                                    | Array  |
| firstName                | First Name of the person who placed the order                                | String |
| lastName                 | Last Name of the person who placed the order                                 | String |
| street                   | Address of the company                                                       | String |
| city                     | City of the company                                                          | String |
| state                    | State for the company                                                        | String |
| postalCode               | Postal Code for the company                                                  | String |
| country                  | Country for the company                                                      | String |
| companyName              | Company Name                                                                 | String |
| phone                    | Phone Number of the company contact                                          | String |
| email                    | Email address of the company contact                                         | String |
| einIssuingCountry        | Country that issued the Federal ID                                           | String |
| ein                      | Federal ID of the company                                                    | String |
| stockSymbol              | Stock symbol of the company                                                  | String |
| website                  | Web address of the company                                                   | String |

|                   |                                               |        |
|-------------------|-----------------------------------------------|--------|
| altBusinessId     | Alternate Business ID if any                  | String |
| msgBrandName      | Brand Name                                    | String |
| brandStatus       | Brand status                                  | String |
| entityName        | Type of Entity                                | String |
| relationshipName  | Type of Relationship                          | String |
| stockExchangeName | Stock Exchange on which the company is listed | String |
| altBusinessName   | Alternate Business Name                       | String |
| verticalName      | Business vertical for the company             | String |
| msgBrandId        | Internal Brand ID                             | String |

#### Example Request 1 – Get Brand Order Detail:

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrderDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1534051
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "brandOrderDetailResponse": {
    "orderId": 1534051,
    "orderStatus": "Pending",
    "customerOrderReference": "Test123",
    "quantity": 1,
    "createdDate": "2021-12-03T00:00:00.000+00:00",
    "createdUser": "Ramesh.Repala",
    "orderNotes": [
      {
        "note": "ERROR -> brand name: BRCloud, reference id: 715826954, error code: 400 - null CSP account not enabled for sole-proprietor feature",
        "insertDate": "2021-12-03T09:40:01.000Z",
        "insertUser": "api_user"
      }
    ],
    "brandList": {
      "brandItem": [
        {
          "firstName": "User",
          "lastName": "Test",
          "street": "550 W Adams",
          "city": "Chicago",
          "country": "USA",
          "state": "IL",
          "postalCode": "60601",
          "companyName": "RCloud Inc",
          "phone": "3123488255",
          "email": "rrepala@turnberrysolutions.com",

```

```

        "einIssuingCountry": "",
        "ein": "",
        "stockSymbol": "IQNT",
        "website": "https://inteliquent.com",
        "altBusinessId": "",
        "msgBrandName": "BRCloud",
        "brandStatus": "Pending",
        "entityName": "Sole Proprietor",
        "relationshipName": "Basic Account",
        "stockExchangeName": "NewYork Stock Exchange",
        "altBusinessName": "DUNS",
        "verticalName": "Communication",
        "msgBrandId": ""
    }
}
]
}
}
}

```

## Supported Use Cases for a Brand

POST /messagingBrand/useCaseList

This operation retrieves the list of use cases that are applicable for a given brand. One these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| msgBrandId | Brand ID for whom use cases are being retrieved                                                                                    | Yes      |

### Response:

| Parameter                 | Description                                                                                                                                                                                                 | Type                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| status                    | Indicates whether the API call was successful. Values: Success or Failure                                                                                                                                   | String                                         |
| statusCode                | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank.<br>430 - No Result Found | String<br>String<br>String<br>String<br>String |
| messagingBrandUseCaseList | List containing use cases supported                                                                                                                                                                         | List                                           |
| usecaseName               | Use case name                                                                                                                                                                                               | String                                         |
| usecaseRef                | Reference for use case.                                                                                                                                                                                     | String                                         |
| abbreviation              | Abbreviation for the entity.                                                                                                                                                                                | String                                         |
| maxSubUseCases            | Max number of sub use cases.                                                                                                                                                                                | Int                                            |

|                |                                                             |        |
|----------------|-------------------------------------------------------------|--------|
| minSubUseCases | Min number of sub use cases.                                | Int    |
| isSubUsecase   | Are sub-use cases required.                                 | String |
| minMsgSamples  | Minimum number of samples to include in creating campaigns. | Int    |

#### Example Request 1 – Get the entity list:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/useCaseList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "msgBrandId": "BYYCRWJ"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandUseCaseList": [
    {
      "usecaseName": "2FA",
      "usecaseRef": "2FA",
      "abbreviation": "2FA",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    },
    {
      "usecaseName": "Account Notification",
      "usecaseRef": "ACCNTNOTIF",
      "abbreviation": "ACCOUNT_NOTIFICATION",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    },
    {
      "usecaseName": "Agents and Franchises",
      "usecaseRef": "AGNTFRNCHS",
      "abbreviation": "AGENTS_FRANCHISES",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUsecase": "N",
      "minMsgSamples": 2
    },
    {
      "usecaseName": "Customer Care",
      "usecaseRef": "CUSTCARE",
      "abbreviation": "CUSTOMER_CARE",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    }
  ]
}
```

```
{
  "usecaseName": "Delivery Notification",
  "usecaseRef": "DELIVNOTIF",
  "abbreviation": "DELIVERY_NOTIFICATION",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
  "isSubUseCase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "Emergency",
  "usecaseRef": "EMERGENCY",
  "abbreviation": "EMERGENCY",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
  "isSubUseCase": "N",
  "minMsgSamples": 2
},
{
  "usecaseName": "Fraud Alert Messaging",
  "usecaseRef": "FRAUDALERT",
  "abbreviation": "FRAUD_ALERT",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
  "isSubUseCase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "Higher Education",
  "usecaseRef": "HIGHEREDU",
  "abbreviation": "HIGHER_EDUCATION",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
  "isSubUseCase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "K-12 Education",
  "usecaseRef": "K12EDU",
  "abbreviation": "K12_EDUCATION",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
  "isSubUseCase": "N",
  "minMsgSamples": 2
},
{
  "usecaseName": "Low Volume Mixed",
  "usecaseRef": "LOWVOL",
  "abbreviation": "LOW_VOLUME",
  "maxSubUseCases": 5,
  "minSubUseCases": 1,
  "isSubUseCase": "N",
  "minMsgSamples": 1
},
{
  "usecaseName": "Marketing",
  "usecaseRef": "MARKETING",
  "abbreviation": "MARKETING",
  "maxSubUseCases": 0,
  "minSubUseCases": 0,
```

```

        "isSubUsecase": "Y",
        "minMsgSamples": 2
    },
    {
        "usecaseName": "Mixed",
        "usecaseRef": "MIXED",
        "abbreviation": "MIXED",
        "maxSubUsecases": 5,
        "minSubUsecases": 2,
        "isSubUsecase": "N",
        "minMsgSamples": 2
    },
    {
        "usecaseName": "Polling and Voting",
        "usecaseRef": "POLLVOTE",
        "abbreviation": "POLLING_VOTING",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y",
        "minMsgSamples": 1
    },
    {
        "usecaseName": "Proxy",
        "usecaseRef": "PROXY",
        "abbreviation": "PROXY",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "N",
        "minMsgSamples": 2
    },
    {
        "usecaseName": "Public Service Announcement",
        "usecaseRef": "PSANN",
        "abbreviation": "PUBLIC_SERVICE_ANNOUNCEMENT",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y",
        "minMsgSamples": 1
    },
    {
        "usecaseName": "Security Alert",
        "usecaseRef": "SECALERT",
        "abbreviation": "SECURITY_ALERT",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y",
        "minMsgSamples": 1
    },
    {
        "usecaseName": "Social",
        "usecaseRef": "SOCIAL",
        "abbreviation": "SOCIAL",
        "maxSubUsecases": 5,
        "minSubUsecases": 0,
        "isSubUsecase": "N",
        "minMsgSamples": 2
    },
    {
        "usecaseName": "Sweepstake",
        "usecaseRef": "SWEEPSTAKE",

```

```

    "abbreviation": "SWEEPSTAKE",
    "maxSubUseCases": 0,
    "minSubUseCases": 0,
    "isSubUseCase": "N",
    "minMsgSamples": 2
  }
]
}

```

## Supported Sub Use Cases for a Brand

POST /messagingBrand/subUseCaseList

This operation retrieves the list of sub use cases that are applicable. One of these values needs to be passed into the provisioning APIs.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |

### Response:

| Parameter                    | Description                                                                                                                                                                        | Type                                 |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| status                       | Indicates whether the API call was successful. Values: Success or Failure                                                                                                          | String                               |
| statusCode                   | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank. | String<br>String<br>String<br>String |
| messagingBrandSubUseCaseList | List containing sub use cases supported                                                                                                                                            | List                                 |
| usecaseName                  | Use case name                                                                                                                                                                      | String                               |
| usecaseRef                   | Reference for use case.                                                                                                                                                            | String                               |
| abbreviation                 | Abbreviation for the entity.                                                                                                                                                       | String                               |
| maxSubUseCases               | Max number of sub use cases.                                                                                                                                                       | Int                                  |
| minSubUseCases               | Min number of sub use cases.                                                                                                                                                       | Int                                  |
| isSubUseCase                 | Are sub-use cases required                                                                                                                                                         | String                               |

### Example Request 1 – Get the entity list:

```

POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/subUseCaseList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}

```

## Example Response:

HTTP/1.1 OK

```
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandSubUseCaseList": [
    {
      "usecaseName": "2FA",
      "usecaseRef": "2FA",
      "abbreviation": "2FA",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Account Notification",
      "usecaseRef": "ACCNTNOTIF",
      "abbreviation": "ACCOUNT_NOTIFICATION",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Customer Care",
      "usecaseRef": "CUSTCARE",
      "abbreviation": "CUSTOMER_CARE",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Delivery Notification",
      "usecaseRef": "DELIVNOTIF",
      "abbreviation": "DELIVERY_NOTIFICATION",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Fraud Alert Messaging",
      "usecaseRef": "FRAUDALERT",
      "abbreviation": "FRAUD_ALERT",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Higher Education",
      "usecaseRef": "HIGHEdu",
      "abbreviation": "HIGHER_EDUCATION",
      "maxSubUseCases": 0,
      "minSubUseCases": 0,
      "isSubUseCase": "Y"
    },
    {
      "usecaseName": "Marketing",
      "usecaseRef": "MARKETING",
      "abbreviation": "MARKETING",

```

```

        "maxSubUseCases": 0,
        "minSubUseCases": 0,
        "isSubUseCase": "Y"
      },
      {
        "usecaseName": "Polling and Voting",
        "usecaseRef": "POLLVOTE",
        "abbreviation": "POLLING_VOTING",
        "maxSubUseCases": 0,
        "minSubUseCases": 0,
        "isSubUseCase": "Y"
      },
      {
        "usecaseName": "Public Service Announcement",
        "usecaseRef": "PSANN",
        "abbreviation": "PUBLIC_SERVICE_ANNOUNCEMENT",
        "maxSubUseCases": 0,
        "minSubUseCases": 0,
        "isSubUseCase": "Y"
      },
      {
        "usecaseName": "Security Alert",
        "usecaseRef": "SECALERT",
        "abbreviation": "SECURITY_ALERT",
        "maxSubUseCases": 0,
        "minSubUseCases": 0,
        "isSubUseCase": "Y"
      }
    ]
  }
}

```

## Create a new Campaign

POST /campaignOrder

This operation allows you to submit an order to create/register a new campaign against an approved brand.

### Request:

| Parameter              | Description                                                                                                                        | Required |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| campaignOrder          | Encapsulating object                                                                                                               | Yes      |
| customerOrderReference | Customer's order reference                                                                                                         | Yes      |
| campaignList           | List of brands included in the order                                                                                               | Yes      |
| campaignItem           | Array of all brands included in the order                                                                                          | Array    |
| msgBrandId             | Brand ID against which the campaign is to be registered.                                                                           | Yes      |
| vertical               | Vertical for which the campaign is targeted                                                                                        | Yes      |
| usecase                | Use case for which the campaign is targeted                                                                                        | Yes      |

|                    |                                                                    |        |
|--------------------|--------------------------------------------------------------------|--------|
| description        | Description for the campaign. Min length is 40                     | Yes    |
| embeddedLink       | Valid Values – Y or N                                              | Yes    |
| embeddedPhone      | Valid Values – Y or N                                              | Yes    |
| numberPool         | Valid Values – Y or N                                              | Yes    |
| ageGated           | Valid Values – Y or N                                              | Yes    |
| directLending      | Valid Values – Y or N                                              | Yes    |
| subscriberOptin    | Valid Values – Y or N                                              | Yes    |
| subscriberOptout   | Valid Values – Y or N                                              | Yes    |
| subscriberHelp     | Valid Values – Y or N                                              | Yes    |
| autoRenewal        | Valid Values – Y or N                                              | Yes    |
| termsAndConditions | Valid Values – Y or N                                              | Yes    |
| sample1            | Sample message that will be sent as the campaign. Min length is 20 | String |
| sample2            | Sample message that will be sent as the campaign. Min length is 20 | String |
| sample3            | Sample message that will be sent as the campaign. Min length is 20 | String |
| sample4            | Sample message that will be sent as the campaign. Min length is 20 | String |
| sample5            | Sample message that will be sent as the campaign. Min length is 20 | String |
| messageFlow        | Message flow description. Min length is 40                         | Yes    |
| helpMessage        | Help message of the campaign. Min length is 20                     | Yes    |
| optOutMessage      | Subscriber opt-out message. Min length is 20                       | Yes    |
| OptInMessage       | Subscriber opt-in message. Min length is 20                        | No     |
| subUsecaseList     | Encapulating Object                                                |        |
| subUsecase         | Subuse case for which campaign is targeted                         | No*    |
| removeSubUsecase   | Valid Values – Y or N                                              | No*    |
| usecaseName        | Subuse Case Name for which campaign is targeted                    | No*    |
| subUsecaseName     | Subuse Case Name for which campaign is targeted                    | No*    |

**Response:**

| Parameter  | Description                                                                  | Type             |
|------------|------------------------------------------------------------------------------|------------------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String           |
| statusCode | 200 - Successful<br>414 - Fields Are Required:(All Required Fields)          | String<br>String |

|         |                                                                                  |         |
|---------|----------------------------------------------------------------------------------|---------|
|         | 431 - Unable to complete the request at the moment, please try again.            | String  |
|         | 408 - Private Key cannot be blank.                                               | String  |
|         | 419 - Error Occurred: Account not message-enabled, remove messaging from request | String  |
|         | 414 - Messaging is not enabled for Customer                                      | String  |
|         | 420 - Please setup tcr credentials on TCR API Key page                           | String  |
|         | 410 - DB Error:(Database Error)                                                  | String  |
|         | 414 - Invalid value entered for:(All Fields)                                     | String  |
|         | 418 - Character limit is exceeded for:(All String Fields)                        | String  |
|         | 432 - Campaign Excluded                                                          | String  |
|         | 425 - Partial Success                                                            | String  |
| orderId | Order ID for the submitted request                                               | Integer |
| result  | Array of Strings indicating any errors that may have occurred                    | Array   |

#### Example Request 1 – Create a Campaign Order:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "campaignOrder": {
    "campaignList": {
      "campaignItem": [
        {
          "msgBrandId": "BJSFQRJ",
          "vertical": "ENERGY",
          "usecase": "ACCOUNT_NOTIFICATION",
          "description": "Test Campaign",
          "embeddedLink": "N",
          "embeddedPhone": "N",
          "numberPool": "N",
          "ageGated": "N",
          "directLending": "N",
          "subscriberOptin": "N",
          "subscriberOptout": "N",
          "subscriberHelp": "N",
          "autoRenewal": "Y",
          "affiliateMarketing": "N",
          "sample1": "Sample Message"
        }
      ]
    }
  }
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}
```

## Example Request 2 – Create a Campaign Order with Sub Use Case:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "campaignOrder": {
    "customerOrderReference": "Test_campaign_order",
    "campaignList": {
      "campaignItem": [
        {
          "msgBrandId": "BC666CY",
          "vertical": "ENERGY",
          "usecase": "MIXED",
          "description": "Sample campaign order",
          "embeddedLink": "Y",
          "embeddedPhone": "Y",
          "numberPool": "N",
          "ageGated": "N",
          "directLending": "N",
          "subscriberOptin": "Y",
          "subscriberOptout": "Y",
          "subscriberHelp": "Y",
          "autoRenewal": "Y",
          "affiliateMarketing": "N",
          "sample1": "This is a test",
          "sample2": "This is still a test",
          "helpMessage": "This isn't actually a yes/no field?",
          "subUsecaseList": [
            {
              "subUsecase": "2FA"
            },
            {
              "subUsecase": "ACCOUNT_NOTIFICATION"
            }
          ]
        }
      ]
    }
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}
```

## List Campaign Orders

POST /campaignOrderList

This operation allows you to retrieve a list of brand orders.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID to filter the results                                                                                                     | No       |

### Response:

| Parameter              | Description                                                                                                      | Type   |
|------------------------|------------------------------------------------------------------------------------------------------------------|--------|
| status                 | Indicates whether the API call was successful. Values: Success or Failure                                        | String |
| statusCode             | 200 - Successful                                                                                                 | String |
|                        | 414 - Fields Are Required:(All Required Fields)                                                                  | String |
|                        | 431 - Unable to complete the request at the moment, please try again.                                            | String |
|                        | 408 - Private Key cannot be blank.                                                                               | String |
|                        | 418 - Character limit is exceeded for:customerOrderReference                                                     | String |
|                        | 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = , ] , [ , ! | String |
|                        | 409 - Invalid Input Parameters: sortDirection can be either ASC or DESC                                          | String |
|                        | 430 - No Result Found                                                                                            | String |
| orderList              | List containing orders.                                                                                          | List   |
| orderType              | Array of brand orders                                                                                            | Array  |
| orderId                | Order Id                                                                                                         | Int    |
| orderStatus            | Order Status                                                                                                     | String |
| customerOrderReference | Customer Order reference                                                                                         | String |
| quantity               | Quantity for the Order                                                                                           | Int    |

|             |                              |        |
|-------------|------------------------------|--------|
| createdDate | Date the Order was created   | Date   |
| createdUser | User who submitted the order | String |

#### Example Request 1 – Get Full Campaign Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1535068,
        "orderStatus": "Pending",
        "quantity": 1,
        "createdDate": "2021-12-08T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1534942,
        "orderStatus": "Closed",
        "customerOrderReference": "mub_test",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "mubeena.test@gmail.com"
      },
      {
        "orderId": 1534870,
        "orderStatus": "Closed",
        "customerOrderReference": "test campaign 20211207 1",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1534812,
        "orderStatus": "Pending",
        "quantity": 1,
        "createdDate": "2021-12-06T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1533473,
        "orderStatus": "Pending",
        "customerOrderReference": "test register campaign 3",
        "quantity": 1,
        "createdDate": "2021-12-01T00:00:00.000+00:00",
        "createdUser": "api_user"
      }
    ]
  }
}
```

```
    },
    "page": "null",
    "totalPages": "1",
    "totalItems": "33",
    "searchId": "257715430600",
    "size": "null"
  }
}
```

#### Example Request 2 – Get specific Brand Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "9gc4biH1DWrNFzuWIip2BjtwVezX",
  "orderId": 1534870
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534870,
        "orderStatus": "Closed",
        "customerOrderReference": "test campaign 20211207 1",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "api_user"
      }
    ]
  },
  "page": "null",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "257715519050",
  "size": "null"
}
```

## Get Campaign Order Details

POST /campaignOrderDetail

This operation allows you to retrieve details for a specific campaign order.

### Request:

| Parameter  | Description                                                                                                                        | Required |
|------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| orderId    | Order ID to filter the results                                                                                                     | Yes      |

### Response:

| Parameter                   | Description                                                               | Type   |
|-----------------------------|---------------------------------------------------------------------------|--------|
| status                      | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode                  | 200 - Successful                                                          | String |
|                             | 414 - Fields Are Required:(All Required Fields)                           | String |
|                             | 431 - Unable to complete the request at the moment, please try again.     | String |
|                             | 408 - Private Key cannot be blank.                                        | String |
|                             | 430 - No Result Found                                                     | String |
| campaignOrderDetailResponse | 410 - DB Error:(Database Error)                                           | String |
|                             | Campaign Order Details.                                                   |        |
|                             | orderId                                                                   | Int    |
|                             | orderStatus                                                               | String |
|                             | customerOrderReference                                                    | String |
|                             | quantity                                                                  | Int    |
|                             | createdDate                                                               | Date   |
|                             | createdUser                                                               | String |
|                             | orderNotes                                                                | Object |
|                             | note                                                                      | String |
|                             | insertDate                                                                | Date   |
|                             | insertUser                                                                | String |
|                             | campaignList                                                              | Object |
|                             | campaignItem                                                              | Array  |
|                             | msgBrandId                                                                | String |
|                             | externalCampaignId                                                        | String |
|                             | vertical                                                                  | String |
|                             | usecase                                                                   | String |

|                    |                                                  |        |
|--------------------|--------------------------------------------------|--------|
| description        | Description for the campaign                     | String |
| embeddedLink       | Valid Values – Y or N                            | String |
| embeddedPhone      | Valid Values – Y or N                            | String |
| numberPool         | Valid Values – Y or N                            | String |
| ageGated           | Valid Values – Y or N                            | String |
| directLending      | Valid Values – Y or N                            | String |
| subscriberOptin    | Valid Values – Y or N                            | String |
| subscriberOptout   | Valid Values – Y or N                            | String |
| subscriberHelp     | Valid Values – Y or N                            | String |
| autoRenewal        | Valid Values – Y or N                            | String |
| termsAndConditions | Valid Values – Y or N                            | String |
| sample1            | Sample message that will be sent as the campaign | String |
| sample2            | Sample message that will be sent as the campaign | String |
| sample3            | Sample message that will be sent as the campaign | String |
| sample4            | Sample message that will be sent as the campaign | String |
| sample5            | Sample message that will be sent as the campaign | String |
| messageFlow        | Valid Values – Y or N                            | String |
| helpMessage        | Valid Values – Y or N                            | String |
| optOutMessage      | Subscriber opt-out message.                      | String |
| optInMessage       | Subscriber opt-in message.                       | String |
| cancelCampaign     | Valid Values – Y or N                            | String |
| subUsecaseList     | Array of sub-use case list                       | String |
| usecaseName        | Name of the usecase                              | String |
| subUsecaseName     | Name of the sub-usecase                          | String |

#### Example Request 1 – Get Campaign Order Detail:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1534870
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "campaignOrderDetailResponse": {
    "orderId": 1534870,
    "orderStatus": "Closed",
    "customerOrderReference": "test campaign 20211207 1",
  }
}
```

```

"quantity": 1,
"createdDate": "2021-12-07T00:00:00.000+00:00",
"createdUser": "api_user",
"campaignList": {
  "campaignItem": [
    {
      "msgBrandId": "BJSFQRJ",
      "externalCampaignId": "C2SFQRJ",
      "description": "test campaign 20211207 1",
      "embeddedLink": "Y",
      "embeddedPhone": "Y",
      "numberPool": "N",
      "ageGated": "Y",
      "directLending": "Y",
      "subscriberOptin": "Y",
      "subscriberOptout": "Y",
      "subscriberHelp": "Y",
      "autoRenewal": "N",
      "affiliateMarketing": "Y",
      "sample1": "test",
      "sample2": "test",
      "sample3": "",
      "sample4": "",
      "sample5": "",
      "messageFlow": "",
      "helpMessage": "",
      "msgBrandName": "Test Brand Carl 8",
      "campaignStatus": "Complete",
      "verticalName": "Professional",
      "usecaseName": "Mixed",
      "subUsecaseList": [
        {
          "usecaseName": "Mixed",
          "subUsecaseName": "Public Service Announcement"
        },
        {
          "usecaseName": "Mixed",
          "subUsecaseName": "Security Alert"
        }
      ]
    }
  ]
}

```

## Campaign Detail

POST /campaignDetail

This operation allows you to view campaign details.

### Request:

| Parameter  | Description                                                                                               | Required |
|------------|-----------------------------------------------------------------------------------------------------------|----------|
| privateKey | Primary key needs to be passed into this call to ensure only authorized applications are making the call. | Yes      |

|                    |                                             |     |
|--------------------|---------------------------------------------|-----|
| externalCampaignId | Campaign id for which details are required. | Yes |
|--------------------|---------------------------------------------|-----|

**Response:**

| Parameter           | Description                                                                  | Type                      |
|---------------------|------------------------------------------------------------------------------|---------------------------|
| status              | Indicates whether the API call was successful.<br>Values: Success or Failure | String                    |
| statusCode          | 200 - Successful                                                             | String                    |
|                     | 414 - Fields Are Required:(All Required Fields)                              | String                    |
|                     | 431 - Unable to complete the request at the moment, please try again.        | String                    |
|                     | 408 - Private Key cannot be blank.                                           | String                    |
|                     | 404 - Campaign not found                                                     | String                    |
| campaignDetail      | Encompassing object that holds the key/secret                                | Object                    |
| externalCampaignId  | Campaign Id                                                                  | String                    |
| externalBrandId     | Brand Id.                                                                    | String                    |
| isDCAApproved       | DCA approval flag.                                                           | String                    |
| isPooled            | Pooling flag.                                                                | String                    |
| isBillableCount     | Billable flag.                                                               | String                    |
| tnAssignedCount     | Count of TN assigned to campaign.                                            | Integer                   |
| campaignStartDate   | Campaign start date.                                                         | Date. Format:- YYYY-MM-DD |
| campaignEndDate     | Campaign end date.                                                           | Date. Format:- YYYY-MM-DD |
| campaignDescription | Campaign description.                                                        | String                    |

Example Request 1: Delete a non-primary key's name:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "d7qcQCZiwciTTwSAdnixMuHILW5u",
  "externalCampaignId": "CI7EAAD"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "campaignDetail": {
    "externalCampaignId": "CI7EAAD",
    "externalBrandId": "Turnberry Brand",
```

```

        "isDCAApproved": "Y",
        "isPooled": "N",
        "isBillableCount": "Y",
        "tnAssignedCount": 41,
        "campaignStartDate": "2020-10-01",
        "campaignEndDate": "9999-12-31",
        "campaignDescription": "CARL WAS HERE"
    }
}

```

## Register Campaign Credentials

POST /registerCampaignCredentials

This operation allows you to register campaign credentials.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |
| key        | Key                                                                                                   | Yes      |
| secret     | Secret                                                                                                | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 420 - Registering Campaign Credentials is not enabled                     | String |

### Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "key": "dsfkjsdsdfsdbddvsdlvkljsjk15",
  "secret": "dskfjksdhjhfdjsfkjsdhfkjhskjfhkjsdfkhsdkjvds"
}

```

### Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",

```

```
"statusCode": "200"
}
```

## Campaign Credentials

POST /campaignCredentials

This operation allows you to register campaign credentials.

### Request:

| Parameter  | Description                                                                                           | Required |
|------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey | Customer key required to validate your application as retrieved from Admin section of customer portal | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 420 - Registering Campaign Credentials is not enabled                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "key": "dsfkjsdsdsvbdddvsdlvklidsjk15",
  "secret": "dskfjksdhjhfdjsfkjsdhfkjhdsjkjfhkjsdfkhsdkjvds"
}
```

## Trouble Ticketing

The following API calls allow you to create and manage service-related trouble tickets with Inteliquent:

- [POST /ticketCreate](#)
- [POST /ticketList](#)
- [POST /ticketDetail](#)
- [POST /ticketAddNote](#)
- [POST /ticketNote](#)
- [POST /ticketAddDocument](#)
- [POST /ticketDocument](#)

### Create Trouble Ticket

POST /ticketCreate

This operation allows you to create a trouble ticket for a service-related issue.

| Parameter           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Required |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|---------|---------------------------------|----------|-----------|----------|----------------|------|---------------------------|---------|----------|---------|---------------|-----------|-----------------|----------|-----------|---------|-------------|------------|-----------------|----------|-----------------------------------|----------|----------------------------------|---------|-------------------------------------|-------|---------------|---------|-------------|--------|--------------------------------------|-----|-----------------|--|
| privateKey          | API key required to validate your application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| contactName         | Contact first and last name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| contactPhone        | Ten-digit contact telephone number (e.g. 3129894422)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| contactEmailAddress | Contact email address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| extension           | Four-digit contact telephone number extension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No       |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| countryRef          | Country associated to trouble ticket (e.g. USA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| description         | Description of issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| occurDate           | Date issue was experienced (e.g. 2015-12-15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| extlCompanyTicket   | Alphanumeric trouble ticket reference name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No       |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| problemCodeRef      | Issue problem code; acceptable values include:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes      |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
|                     | <table><tr><th>Value</th><th>Description</th></tr><tr><td>WRONGTG</td><td>Call going to wrong trunk group</td></tr><tr><td>CALLERID</td><td>Caller ID</td></tr><tr><td>CALLDROP</td><td>Calls dropping</td></tr><tr><td>DTMF</td><td>Dual tone multi-frequency</td></tr><tr><td>DEADAIR</td><td>Dead air</td></tr><tr><td>DLYDAUD</td><td>Delayed audio</td></tr><tr><td>EQUIPALRM</td><td>Equipment alarm</td></tr><tr><td>FASTBUSY</td><td>Fast busy</td></tr><tr><td>FAXFAIL</td><td>Fax failing</td></tr><tr><td>WRONGCODEC</td><td>Incorrect codec</td></tr><tr><td>WRONGLRN</td><td>Incorrect location routing number</td></tr><tr><td>CAPACITY</td><td>Insufficient resources available</td></tr><tr><td>QUALITY</td><td>Noise, static, or poor call quality</td></tr><tr><td>OWAUD</td><td>One-way audio</td></tr><tr><td>PKTLOSS</td><td>Packet loss</td></tr><tr><td>POSCCM</td><td>Point-of-sale or credit card machine</td></tr><tr><td>PDD</td><td>Post-dial delay</td></tr></table> | Value    | Description | WRONGTG | Call going to wrong trunk group | CALLERID | Caller ID | CALLDROP | Calls dropping | DTMF | Dual tone multi-frequency | DEADAIR | Dead air | DLYDAUD | Delayed audio | EQUIPALRM | Equipment alarm | FASTBUSY | Fast busy | FAXFAIL | Fax failing | WRONGCODEC | Incorrect codec | WRONGLRN | Incorrect location routing number | CAPACITY | Insufficient resources available | QUALITY | Noise, static, or poor call quality | OWAUD | One-way audio | PKTLOSS | Packet loss | POSCCM | Point-of-sale or credit card machine | PDD | Post-dial delay |  |
| Value               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| WRONGTG             | Call going to wrong trunk group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| CALLERID            | Caller ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| CALLDROP            | Calls dropping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| DTMF                | Dual tone multi-frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| DEADAIR             | Dead air                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| DLYDAUD             | Delayed audio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| EQUIPALRM           | Equipment alarm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| FASTBUSY            | Fast busy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| FAXFAIL             | Fax failing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| WRONGCODEC          | Incorrect codec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| WRONGLRN            | Incorrect location routing number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| CAPACITY            | Insufficient resources available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| QUALITY             | Noise, static, or poor call quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| OWAUD               | One-way audio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| PKTLOSS             | Packet loss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| POSCCM              | Point-of-sale or credit card machine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |
| PDD                 | Post-dial delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |         |                                 |          |           |          |                |      |                           |         |          |         |               |           |                 |          |           |         |             |            |                 |          |                                   |          |                                  |         |                                     |       |               |         |             |        |                                      |     |                 |  |

|        |                                                |                       |     |
|--------|------------------------------------------------|-----------------------|-----|
|        | WRONGNUM                                       | Reaching wrong number |     |
|        | RECORDING                                      | Recording             |     |
|        | RMTHNDS                                        | Remote hands request  |     |
| origTn | Originating telephone number (up to 15 digits) |                       | Yes |
| termTn | Terminating telephone number (up to 15 digits) |                       | Yes |

#### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid Input Parameters:                                           | String |
|            | 411 - Unknown Error                                                       | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketCreate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "contactName": "Sharon Smile",
  "contactPhone": "8885551234",
  "extension": 1234,
  "countryRef": "USA",
  "description": "CNAM issue, please resolve.",
  "occurDate": "2015-12-26",
  "extlCompanyTicket": "TestTicketNum01",
  "problemCodeRef": "CALLERID",
  "contactEmailAddress": "ssmile@email.com",
  "origTn": "1234546903",
  "termTn": "1235650395"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "troubleTicketId": "120642"
}
```

## View Trouble Ticket List

POST /ticketList

This operation allows you to obtain a list of your existing trouble tickets with Inteliquent.

| Parameter                  | Description                                                                                                                   | Required |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey                 | API key required to validate your application                                                                                 | Yes      |
| troubleTicketId            | Existing trouble ticket number                                                                                                | No       |
| minEnterDate               | Earliest trouble ticket submission date (e.g. 2015-12-20)                                                                     | No       |
| maxEnterDate               | Latest trouble ticket submission date (e.g. 2015-12-23)                                                                       | No       |
| extlCompanyTicket          | Alphanumeric trouble ticket reference name                                                                                    | No       |
| troubleTicketStatus        | Trouble ticket status; acceptable values include Open, Referred Out, 24-Hour Monitor, Resolved, Ready for Closure, and Closed | No       |
| troubleTicketStatusExclude | Enter Y to exclude value entered into the troubleTicketStatus parameter from the results list                                 | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 416 - These values can't be zero: troubleTicketId                         | String |
|            | 414 - Invalid Date format:(For Date Fields)                               | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketStatus": "Closed",
  "troubleTicketStatusExclude": "Y",
  "minEnterDate": "2015-12-13",
  "maxEnterDate": "2015-12-14"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "troubleTicketList": [
    {
      "troubleTicketId": 65869,
      "extlCompanyTicket": "Ticket9043",
      "troubleTicketStatus": "Open",
      "enterDate": "2015-12-13",
      "contactName": "Bob Laugh"
    }
  ]
}
```

## View Trouble Ticket Detail

**POST** /ticketDetail

This operation allows you to obtain details about an existing trouble ticket.

| Parameter         | Description                                   | Required |
|-------------------|-----------------------------------------------|----------|
| privateKey        | API key required to validate your application | Yes      |
| troubleTicketId   | Existing trouble ticket number                | Yes      |
| extlCompanyTicket | Alphanumeric trouble ticket reference name    | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 416 - These values can't be zero: troubleTicketId                         | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketId": "432789"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketDetailList": [
    {
      "troubleTicketId": 432789,
      "description": "Receiving fast busy tone",
      "marketName": "Washington DC",
      "regionName": "South",
      "operationalMarketName": "Washington DC",
      "occurDate": "2015-12-15",
      "assignedWorkgroupName": "Network Operations Center",
      "contactName": "Will Wink",
      "countryRef": "USA",
      "contactPhone": "3123805555",
      "contactPhoneExtension": "",
      "contactEmailAddress": "wwink@email.com",
      "externalCompanyTicket": "",
      "troubleTicketService": "None",
      "troubleTicketSource": "DecTicket01",
      "troubleTicketProblemCode": "Fast Busy",
      "troubleTicketStatus": "Referred Out",
      "troubleTicketCauseCode": "",
      "troubleTicketResolveCode": "",
      "expectedCustomerImpact": "",
      "enterDate": "2016-02-15",
      "enterUserDisplayName": "Wink, Will ",
      "resolveUserDisplayName": "",
      "closeUserDisplayName": "",
      "updateDate": "2016-02-26",
      "updateUserDisplayName": "Bullock, Christopher ",
      "nocTechDisplayName": "Bullock, Christopher ",
      "origTN": "4108677001",
      "termTN": "4432141004"
    }
  ]
}
```

## Add Trouble Ticket Note

POST /ticketAddNote

This operation allows you to add a note to an existing trouble ticket.

| Parameter         | Description                                   | Required |
|-------------------|-----------------------------------------------|----------|
| privateKey        | API key required to validate your application | Yes      |
| troubleTicketId   | Existing trouble ticket number                | Yes      |
| troubleTicketNote | Note text to be added to the ticket           | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 415 - Unable to add: Trouble Ticket Note                                  | String |
|            | 430 - No Result Found                                                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketAddNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketId": "65842",
  "troubleTicketNote": "This is a test note"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "noteId": "294648"
}
```

## View Trouble Ticket Note

POST /ticketNote

This operation allows you to view notes associated to an existing trouble ticket.

| Parameter       | Description                                   | Required |
|-----------------|-----------------------------------------------|----------|
| privateKey      | API key required to validate your application | Yes      |
| troubleTicketId | Existing trouble ticket number                | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 415 - Unable to add:Trouble Ticket Note                                   | String |
|            | 430 - No Result Found                                                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketId": "65843"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketNoteList": [ {
    "noteId": 7122562,
    "troubleTicketId": 65843,
    "note": "A note to follow so",
    "insertDate": "12-31-2015 03:09:53 PM",
    "insertUser": "api_user",
    "insertUserDisplayName": "api_user"
  } ]
}
```

## Add Trouble Ticket Document

POST /ticketAddDocument

This operation allows you to add a document to an existing trouble ticket.

| Parameter           | Description                                        | Required |
|---------------------|----------------------------------------------------|----------|
| privateKey          | API key required to validate your application      | Yes      |
| troubleTicketId     | Existing trouble ticket number                     | No       |
| documentName        | Name of document to attach                         | No       |
| documentDescription | Description for document to attach                 | No       |
| fileContent         | Base64 encoded document to be attached             | Yes      |
| isPublic            | Service type; acceptable values are true and false | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 415 - Unable to add:Trouble Ticket Document                               | String |
|            | 409 - Invalid File Content Exception:While decoding file content          | String |
|            | 409 - Invalid Input Parameters:FileContent                                | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketId": 65872,
  "documentName": "TestDoc02",
  "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j",
  "isPublic": "true"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "lastModifiedString": "20160302084423307282000-0600",
  "troubleTicketDocumentId": 118855
}
```

## Retrieve Trouble Ticket Document

POST /ticketDocument

This operation allows you to retrieve documents attached to an existing trouble ticket.

| Parameter       | Description                                   | Required |
|-----------------|-----------------------------------------------|----------|
| privateKey      | API key required to validate your application | Yes      |
| troubleTicketId | Existing trouble ticket number                | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketId": 65872
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketDocumentList": [ {
    "documentId": 118855,
    "documentName": "TestDoc02",
    "documentDescription": "none",
    "documentLocator": "VGhpcyBpcyBhIHRlc3QgZG9j"
  } ]
}
```

## Customer Notifications

The following API calls allow you to create and manage notifications:

- [POST /notificationTypes](#)
- [POST /webhookTypes](#)
- [POST /customerNotificationList](#)
- [POST /customerNotification](#)

## Retrieve Notification Types

POST /notificationTypes

This operation allows you to view your notification types that are enabled.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

**Response:**

| Parameter         | Description                                                           | Type   |
|-------------------|-----------------------------------------------------------------------|--------|
| statusCode        | 200 - Successful                                                      | String |
|                   | 431 - Unable to complete the request at the moment, please try again. | String |
|                   | 408 - Private Key cannot be blank.                                    | String |
|                   | 430 - No Result Found                                                 | String |
| status            | Indicates whether the API call was successful or failure              | String |
| notificationTypes | Array of notification type                                            | List   |
| name              | Name of notification type                                             | String |
| notificationType  | Notification type ref                                                 | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/notificationTypes HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "notificationTypes": [
    {
      "name": "8XX order (New)",
      "notificationType": "8XXNEW"
    }
  ],
}
```

```
{
  {
    "name": "8XX order (Change)",
    "notificationType": "8XXCHANGE"
  },
  {
    "name": "8XX order (Disco)",
    "notificationType": "8XXDISCO"
  }
}
```

## Retrieve Webhook Types

POST /webhookTypes

This operation allows you to view your webhook types that are enabled.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

**Response:**

| Parameter    | Description                                                           | Type   |
|--------------|-----------------------------------------------------------------------|--------|
| statusCode   | 200 - Successful                                                      | String |
|              | 431 - Unable to complete the request at the moment, please try again. | String |
|              | 408 - Private Key cannot be blank.                                    | String |
|              | 430 - No Result Found                                                 | String |
| status       | Indicates whether the API call was successful or failure              | String |
| webhookTypes | Array of webhook type                                                 | List   |
| name         | Name of webhook type                                                  | String |
| webhookType  | Webhook type ref                                                      | String |

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/webhookTypes HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "webhookTypes": [
    {
      "name": "HTTP Webhook",
```

```

    "webhookType": "HTTP"
  },
  {
    "name": "Microsoft Azure Event Grip",
    "webhookType": "AZURE"
  }
]
}

```

## Retrieve Customer Notifications

POST /customerNotificationList

This operation allows you to retrieve a list of all your customer notification types.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

### Response:

| Parameter                | Description                                                           | Type   |
|--------------------------|-----------------------------------------------------------------------|--------|
| statusCode               | 200 - Successful                                                      | String |
|                          | 431 - Unable to complete the request at the moment, please try again. | String |
|                          | 408 - Private Key cannot be blank.                                    | String |
|                          | 430 - No Result Found                                                 | String |
| status                   | Indicates whether the API call was successful or failure              | String |
| customerNotificationList |                                                                       | Object |
| typeList                 |                                                                       | Object |
| typeItem                 |                                                                       | List   |
| notificationType         | Name of notification type                                             | String |
| sendWebhook              | Y/N flag to enable or disable webhooks                                | String |
| webhookType              | Name of webhook type                                                  | String |
| webhookUrl               | URL to send webhook                                                   | String |
| webhookHeader            | Authorization header sent with webhooks                               | String |
| sendEmail                | Y/N flag to enable or disable email notifications                     | String |
| emailAddr                | Email address where notifications are sent                            | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerNotificationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "customerNotificationList": {
    "typeList": {
      "typeItem": [
        {
          "notificationType": "8XX order (New)",
          "sendWebhook": "Y",
          "webhookType": "HTTP Webhook",
          "webhookUrl": "https://www.inteliquent.com",
          "sendEmail": "Y",
          "emailAddr": "example@inteliquent.com"
        }
      ]
    }
  }
}
```

## Update Customer Notifications

POST /customerNotification

This operation allows you to update a customer notification type.

| Parameter                | Description                                       | Required |
|--------------------------|---------------------------------------------------|----------|
| privateKey               | API key required to validate your application     | Yes      |
| customerNotificationList |                                                   | Yes      |
| typeList                 |                                                   | Yes      |
| typeItem                 |                                                   | Yes      |
| notificationType         | Name of notification type                         | Yes      |
| sendWebhook              | Y/N flag to enable or disable webhooks            | No       |
| webhookType              | Name of webhook type                              | No*      |
| webhookUrl               | URL to send webhook                               | No*      |
| webhookHeader            | Authorization header sent with webhooks           | No       |
| sendEmail                | Y/N flag to enable or disable email notifications | No       |

emailAddr

Email address where notifications are sent

No\*

\* webhookType and webhookUrl are required if sendWebhook is 'Y' and emailAddr is required if sendEmail is 'Y'

### Response:

| Parameter  | Description                                                                  | Type   |
|------------|------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful.<br>Values: Success or Failure | String |
| statusCode | 200 - Successful                                                             | String |
|            | 431 - Unable to complete the request at the moment, please try again.        | String |
|            | 408 - Private Key cannot be blank.                                           | String |
|            | 430 - No Result Found                                                        | String |
|            | 414 - Fields Are Required:(For All required Fields)                          | String |
|            | 409 - Invalid Input Parameters:(For All Input Fields)                        | String |
|            | 410 - DB Error:(Database Error)                                              | String |
|            | 411 - Unknown Error                                                          | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerNotification HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification": {
    "typeList": {
      "typeItem": [
        {
          "notificationType": "8XX order (New)",
          "sendWebhook": "Y",
          "webhookType": "HTTP Webhook",
          "webhookUrl": "https://www.inteliquent.com",
          "sendEmail": "Y",
          "emailAddr": "example@inteliquent.com"
        }
      ]
    }
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Health Check

In order to determine the status of Inteliquent services, an endpoint is provided that validates if the services are functional or not.

Only RESTful protocol is supported. Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/HealthChecker/1.0.0>
- Sandbox: <https://services-sandbox.inteliquent.com/HealthChecker/1.0.0> (please use this environment for initial integration testing)

The following endpoint is to be called:

- [GET /healthCheck](#)

## Get Health Check

GET /healthCheck

This operation allows you to retrieve the status of the services tier.

Example Request:

```
GET https://services.inteliquent.com/HealthChecker/1.0.0/healthCheck HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "UP",
  "statusCode": "200"
}
```

## Reference

The following API calls provide additional referent information:

- [POST /tnFeatureCnamDip](#)
- [POST /tnFeatureCNamList](#)
- [POST /tnFeatureDLList](#)
- [POST /tnFeatureE911List](#)
- [POST /tnFeatureMessageList](#)
- [POST /rateCenterCoverage](#)
- [POST /addressValidate](#)
- [POST /whitelistedAddresses](#)
- [POST /lataInventory](#)
- [POST /cicList](#)
- [POST /tnPortOutHistory](#)

## Retrieve CNAM Dip Setting on All Numbers

**POST /tnFeatureCnamDip**

This operation allows you to retrieve a list of all active numbers on your account and their corresponding inbound CNAM dip setting for incoming calls.

| Parameter  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Required |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes      |
| pageSort   | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No       |
| property   | Result sort property; acceptable values are tn, rateCenter, lata, state                                                                                                                                                                                                                                                                                                                                                                                                                       | No       |
| direction  | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                                                                                                                                        | No       |
| size       | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No       |
| page       | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No       |
| searchId   | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |

|                                                                                               |        |
|-----------------------------------------------------------------------------------------------|--------|
| 414 - Fields Are Required:(All Required Fields)                                               | String |
| 431 - Unable to complete the request at the moment, please try again.                         | String |
| 408 - Private Key cannot be blank.                                                            | String |
| 430 - No Result Found                                                                         | String |
| 409 - Invalid Input Parameters:                                                               | String |
| 417 - Size must be less than or equal to 10000                                                | String |
| 414 - Large result set without searchId detected. Please contact support team for assistance. | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureCnamDip HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureCnamDipList": [
    {
      "tn": "2015465330",
      "cnamDip": "Y"
    },
    {
      "tn": "2025599306",
      "cnamDip": "Y"
    },
    {
      "tn": "2025599311",
      "cnamDip": "N"
    }
  ],
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZlJSNjJR0Gcz
  bUZZcGlxUQAAAAAAArgSfLYzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

## Retrieve CNAM Storage Numbers

POST /tnFeatureCNamList

This operation allows you to retrieve a list of numbers with CNAM storage configured for display on outbound calls (LIDB).

| Parameter  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Required |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal                                                                                                                                                                                                                                                                                                                                                                            | Yes      |
| pageSort   | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No       |
| property   | Result sort property; acceptable values are tn, rateCenter, lata, state                                                                                                                                                                                                                                                                                                                                                                                                                       | No       |
| direction  | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                                                                                                                                        | No       |
| size       | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No       |
| page       | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No       |
| searchId   | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No       |

### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Successful                                                                              | String |
|            | 414 - Fields Are Required:(All Required Fields)                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 408 - Private Key cannot be blank.                                                            | String |
|            | 430 - No Result Found                                                                         | String |
|            | 409 - Invalid Input Parameters:                                                               | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureCNamList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "callingName": "Name"
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
"DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hk
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

## Retrieve Directory Listing Numbers

POST /tnFeatureDLList

This operation allows you to retrieve a list of numbers with directory listing configured.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

## 409 - Invalid Input Parameters:(All Input Parameters) String

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureDLList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "firstName": "cupcakes",
      "lastName": "smiley",
      "streetNum": "123",
      "streetPreDir": "W",
      "streetName": "case",
      "streetType": "st",
      "streetPostDir": "E",
      "location": "ste 1",
      "city": "chicago",
      "state": "IL",
      "postalCode": "60661"
    }
  ]
}
```

## Retrieve E911 Numbers

POST /tnFeatureE911List

This operation allows you to retrieve a list of numbers with E911 configured.

| Parameter  | Description                                                                                                     | Required |
|------------|-----------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                                                                   | Yes      |
| tnMask     | Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                       | No       |
| pageSort   | Contains sorting and pagination parameters                                                                      | No       |
| property   | Result sort property; acceptable values are tn, rateCenter, lata, state                                         | No       |
| direction  | Result sort direction; acceptable values are asc, desc                                                          | No       |
| size       | Result page size; integer value                                                                                 | No       |
| page       | Result page number; integer value                                                                               | No       |
| searchId   | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter | No       |

value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

#### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Successful                                                                              | String |
|            | 414 - Fields Are Required:(All Required Fields)                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 408 - Private Key cannot be blank.                                                            | String |
|            | 430 - No Result Found                                                                         | String |
|            | 409 - Invalid Input Parameters:(All Input Parameters)                                         | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "3121234567",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "name": "test iqnt",
      "origStreetNum": "550",
      "origStreetInfo": "w adams",
      "origLocation": "ste 900",
      "origCity": "chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    },
    {
      "tn": 2404540119,
      "name": "test",
      "origStreetNum": "123",
      "origStreetInfo": "test",
      "origLocation": "",
      "origCity": "chi",
      "origState": "IL",
      "origPostalCode": "60657",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZlJSNjJROGcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

## Retrieve Messaging Numbers

POST /tnFeatureMessageList

This operation allows you to retrieve a list of numbers with messaging configured.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| pageSort  | Contains sorting and pagination parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No |
| property  | Result sort property; acceptable values are tn, rateCenter, lata, state                                                                                                                                                                                                                                                                                                                                                                                                                       | No |
| direction | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                                                                                                                                                                                                                                                                        | No |
| size      | Result page size; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No |
| page      | Result page number; integer value                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No |
| searchId  | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No |

#### Response:

| Parameter  | Description                                                                                   | Type   |
|------------|-----------------------------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                     | String |
| statusCode | 200 - Successful                                                                              | String |
|            | 414 - Fields Are Required:(All Required Fields)                                               | String |
|            | 431 - Unable to complete the request at the moment, please try again.                         | String |
|            | 408 - Private Key cannot be blank.                                                            | String |
|            | 430 - No Result Found                                                                         | String |
|            | 409 - Invalid Input Parameters:(All Input Parameters)                                         | String |
|            | 417 - Size must be less than or equal to 10000                                                | String |
|            | 414 - Large result set without searchId detected. Please contact support team for assistance. | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureMessageList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 2017012042,
      "messageClass": "P2P",
      "messageType": "SMS"
    },
    {
      "tn": 2022925536,
      "messageClass": "P2P",
      "messageType": "SMS"
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARGsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

## Retrieve Approved DID and LNP Rate Center Coverage

POST /rateCenterCoverage

This operation allows you to retrieve a list of all rate centers with information on whether each is approved with Inteliquent for DID and LNP provisioning.

| Parameter  | Description                                                         | Required |
|------------|---------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                       | Yes      |
| wireless   | To include wireless or wireline numbers; Accepted values are Y or N | No       |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid Input Parameters:(All Input Parameters)                     | String |

|                                         |        |
|-----------------------------------------|--------|
| 414 - Wireless not allowed for Customer | String |
| 410 - DB Error:(Database Error)         | String |
| 411 - Unknown Error                     | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/rateCenterCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "wireless": "Y"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "rateCenterList": { "rateCenterItem": [
    {
      "lata": "464",
      "rcAbbre": "OWENSBORO",
      "marketName": "Owensboro KY",
      "locState": "KY",
      "lnpApproved": "N",
      "didApproved": "N"
    },
    {
      "lata": "128",
      "rcAbbre": "HAVERHILL",
      "marketName": "Boston MA",
      "locState": "MA",
      "lnpApproved": "Y",
      "didApproved": "Y"
    },
    {
      "lata": "834",
      "rcAbbre": "LIHUE",
      "marketName": "Hawaii",
      "locState": "HI",
      "lnpApproved": "Y",
      "didApproved": "Y"
    }
  ]
}
```

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/rateCenterCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "wireless": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}
```

## Validate E911 Address

POST /addressValidate

This operation allows you to validate an address for E911 service provisioning. The corrected address will be returned in the response only if the validationMsg is returned as Corrected to Valid Address. In case if address is not close enough to find match, candidate addresses can be returned.

| Parameter  | Description                                                                                                        | Required |
|------------|--------------------------------------------------------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application; can be retrieved from <a href="#">Admin page</a> of customer portal | Yes      |
| streetNum  | E911 address street number (e.g. 100, 550)                                                                         | Yes      |
| streetInfo | E911 address street information (e.g. W Adams St)                                                                  | Yes      |
| city       | E911 address city                                                                                                  | Yes      |
| state      | E911 address state                                                                                                 | Yes      |
| postalCode | E911 address zip code                                                                                              | Yes      |

Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid Input Parameters:(All Input Parameters)                     | String |
|            | 414 - Postal Code is Invalid                                              | String |
|            | 414 - Invalid Address Information.                                        |        |
|            | 410 - DB Error:(Database Error)                                           | String |
|            | 411 - Unknown Error                                                       | String |

## Validate Results

- validationResult = 0, the address is perfect as sent
- validationResult = 1, the result was a close enough match and has been corrected
- validationResult = 2, the result is not close enough

Example Request (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "country": "USA",
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationMsg": "Valid address",
    "validationResult": 0,
    "responderType": "true",
    "routingStatus": "true",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedLocation": "",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661",
    "correctedPostalCodePlusFour": "3665",
    "addressExternalId": "0de5ccc3388647d7acb6840ff634e42b",
    "psap": {
      "psapName": "Chicago Office Of Emergency Communication-zone 1",
      "psapFccId": "2158",
      "psapAdminNumber": "3127469400",
      "psapVoipServiceLevel": "I3"
    },
    "parsedAddress": {
      "streetNum": "550",
      "preDirectional": "W",
      "streetName": "Adams",
      "streetSuffix": "St",
      "city": "Chicago",
      "state": "IL",
      "postalCode": "60661",
      "postalCodePlus4": "3665",
      "country": "USA"
    }
  }
}
```

## Example Request (Corrected):

```
POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "550",
  "streetInfo": "W Adams",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60601"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661",
    "correctedPostalCodePlusFour": "3665",
    "addressExternalId": "0de5ccc3388647d7acb6840ff634e42b",
    "psap": {
      "psapName": "Chicago Office Of Emergency Communication-zone 1",
      "psapFccId": "2158",
      "psapAdminNumber": "3127469400",
      "psapVoipServiceLevel": "I3"
    },
    "parsedAddress": {
      "streetNum": "550",
      "preDirectional": "W",
      "streetName": "Adams",
      "streetSuffix": "St",
      "city": "Chicago",
      "state": "IL",
      "postalCode": "60661",
      "postalCodePlus4": "3665",
      "country": "USA"
    }
  }
}
```

## Example Request (Invalid):

```
POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "318",
  "streetInfo": "28th",
  "city": "Tucson",
}
```

```
"state": "AZ",
"postalCode": "85713"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationMsg": "Invalid address - no correction found|Address is Invalid",
    "validationResult": 2,
    "responderType": "false",
    "routingStatus": "false",
    "correctedStreetNum": "",
    "correctedStreetInfo": "",
    "correctedLocation": "",
    "correctedCity": "",
    "correctedState": "",
    "correctedPostalCode": "",
    "correctedPostalCodePlusFour": "",
    "addressExternalId": "",
    "candidateAddressList": [
      {
        "streetNum": "127",
        "streetInfo": "Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "country": "USA"
      },
      {
        "streetNum": "127",
        "streetInfo": "E Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "postalCodePlusFour": "4365",
        "country": "USA"
      },
      {
        "streetNum": "127",
        "streetInfo": "W Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "postalCodePlusFour": "4302",
        "country": "USA"
      },
      {
        "streetNum": "127",
        "streetInfo": "N Main St",
        "city": "Burlington",
        "state": "IL",
        "postalCode": "60109",
        "postalCodePlusFour": "1044",
        "country": "USA"
      }
    ]
  }
}
```

```

        "streetNum": "127",
        "streetInfo": "S Main St",
        "city": "Burlington",
        "state": "IL",
        "postalCode": "60109",
        "postalCodePlusFour": "1050",
        "country": "USA"
      }
    ]
  }
}

```

## Whitelisted Addresses

POST /whitelistedAddress

This operation allows you to search for and get the whitelisted addresses for 911 validation

### Request:

| Parameter             | Description                                                                                                                        | Required |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey            | API key required to validate your application; can be retrieved from portal <a href="#">production</a> and <a href="#">sandbox</a> | Yes      |
| addressExternalIdList | Array of Address External Ids                                                                                                      | Yes      |

### Response:

| Parameter              | Description                                                           | Type    |
|------------------------|-----------------------------------------------------------------------|---------|
| statusCode             | 200 - Successful                                                      | String  |
|                        | 431 - Unable to complete the request at the moment, please try again. | String  |
|                        | 408 - Private Key cannot be blank.                                    | String  |
|                        | 430 - No Result Found                                                 | String  |
| status                 | Indicates whether the API call was successful or failure              | String  |
| whitelistedAddressList | Contains array of white listed address                                | Object  |
| success                | Returns true or false                                                 | Boolean |
| reason                 | Reason of address validation                                          | String  |
| detail                 | Detail of address validation                                          | String  |
| result                 | Contains List of address                                              | Object  |
| externalId             | Excluded Number                                                       | String  |
| parsedAddress          | Contains parsed address details                                       | Object  |
| houseNumber            | House Number                                                          | String  |
| streetName             | Street Name                                                           | String  |

|                       |                                 |        |
|-----------------------|---------------------------------|--------|
| streetSuffix          | Street Suffix                   | String |
| streetPostdirectional | Street Post Directional         | String |
| city                  | City                            | String |
| state                 | State                           | String |
| zip                   | Zip                             | String |
| country               | country                         | String |
| postalAddress         | Contains postal address details | Object |
| addressLine1          | Address Line 1                  | String |
| city                  | City                            | String |
| state                 | State                           | String |
| zip                   | Zip                             | String |
| country               | Country                         | String |

#### Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "addressExternalIdList": [
    "b86c2348607847a48f0ec6486049add6"
  ]
}
```

#### Example Response:

```
HTTP/1.1 200 OK

{
  "status": "Success",
  "statusCode": "200",
  "whitelistedAddressList": [
    {
      "success": true,
      "reason": "SUCCESS",
      "detail": "SUCCESS",
      "result": {
        "externalId": "b86c2348607847a48f0ec6486049add6",
        "parsedAddress": {
          "houseNumber": "200",
          "streetName": "Bloor",
          "streetSuffix": "St",
          "streetPostdirectional": "E",
          "city": "Toronto",
          "state": "ON",
          "zip": "M4W 1E5",
          "country": "CAN"
        },
        "postalAddress": {
          "addressLine1": "200 BLOOR ST E",
          "city": "TORONTO",

```

```

    "state": "ON",
    "zip": "M4W 1E5",
    "country": "CAN"
  }
}
]
}

```

## Retrieve LATA List

**POST** /lataInventory

This operation allows you to retrieve LATA information for a telephone number or list of numbers in order to provide optional forecasting information for [/tnOrder](#) and [/portInOrder](#).

| Parameter  | Description                                                         | Required |
|------------|---------------------------------------------------------------------|----------|
| privateKey | API key required to validate your application                       | Yes      |
| tnList     | Contains requested telephone number(s) to retrieve LATA information | Yes      |
| tnItem     | Contains requested telephone number(s)                              | Yes      |
| tn         | Ten-digit telephone number (e.g. 8156680000)                        | Yes      |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 414 - Fields Are Required:(All Required Fields)                           | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |
|            | 409 - Invalid TN submitted:(Tn List)                                      | String |

### Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/lataInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      { "tn": 3344123467 },
      { "tn": 7042282008 }
    ]
  }
}

```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "lataList": [
    {"lata": "422"},
    {"lata": "478"}
  ]
}
```

## Retrieve Toll-free CICs

**POST /cicList**

This operation allows you to retrieve a list of supported CICs for loading toll-free numbers.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

**Response:**

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 431 - Unable to complete the request at the moment, please try again.     | String |
|            | 408 - Private Key cannot be blank.                                        | String |
|            | 430 - No Result Found                                                     | String |

## Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/cicList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

## Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "cicItemList": [ {
    "respOrgPrefix": "GDG01",
    "cic": "0913",
    "companyName": "Inteliquent"
  } ]
}
```

## Telephone Number Port-Out History

POST /tnPortOutHistory

This operation allows you to retrieve an audit of historical port-out activity on your account for the past three months by order and telephone number.

| Parameter  | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

### Response:

| Parameter  | Description                                                                                                                                              | Type                                 |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| status     | Indicates whether the API call was successful. Values: Success or Failure                                                                                | String                               |
| statusCode | 200 - Successful<br>431 - Unable to complete the request at the moment, please try again.<br>408 - Private Key cannot be blank.<br>430 - No Result Found | String<br>String<br>String<br>String |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnPortOutHistory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderList": { "orderType": [
    {
      "orderId": 1356221,
      "orderStatus": "Canceled",
      "createdDate": "2017-05-05T00:00:00.000+0000",
      "portDate": "2017-05-12T00:00:00.000+0000",
      "tn": "3216667663"
    },
    {
      "orderId": 1356575,
      "orderStatus": "Canceled",
      "createdDate": "2017-05-07T00:00:00.000+0000",
      "portDate": "2017-05-15T00:00:00.000+0000",
      "tn": "3028303232"
    },
    {
      "orderId": 1385129,
      "orderStatus": "Closed",
      "createdDate": "2017-05-24T00:00:00.000+0000",
      "portDate": "2017-06-01T00:00:00.000+0000",

```

```

    "tn": "3028303232"
  },
  {
    "orderId": 1385525,
    "orderStatus": "Closed",
    "createdDate": "2017-05-25T00:00:00.000+0000",
    "portDate": "2017-06-05T00:00:00.000+0000",
    "tn": "9707717171"
  }
]
}
}
}

```

## Deprecated APIs

The following APIs are deprecated.

- [POST /tnMessagingOrder](#)
- [POST /tnE911Order](#)
- [POST /tnSearchAssigned](#)
- [POST /portInMessagingOrder](#)
- [POST /tfMessagingOrder](#)
- [POST /tfFeatureDetail](#)

## Order Messaging-Only Telephone Number - DEPRECATED

**POST /tnMessagingOrder**

This operation allows you to order telephone numbers from Inteliquent inventory for messaging services only (no voice), or enable Inteliquent messaging services on telephone numbers assigned to other carriers (i.e. voice-enabled with another carrier).

Note: This API is deprecated. Please use [/tnFeatureOrder](#) for telephone numbers with messaging feature.

| Value                  | Description                                                                                                                                           | Required |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                                                                         | Yes      |
| tnMessagingOrder       | Contains order information                                                                                                                            | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                                                                     | No       |
| loa                    | Indicates that LOA is obtained to enable Inteliquent messaging service on telephone numbers voice-enabled with another carrier; acceptable value is Y | No*      |
| tnList                 | Contains requested telephone number(s)                                                                                                                | Yes      |
| tnItem                 | Contains requested telephone number(s)                                                                                                                | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000)                                                                                                | Yes      |
| portOutPin             | PIN for onnet port-out protection (Tier 0 & HI), only                                                                                                 | No       |

|              |                                                                                                       |     |
|--------------|-------------------------------------------------------------------------------------------------------|-----|
|              | valid on messaging-only numbers ordered from the Inteliquent inventory (not on external numbers)      |     |
| tnNote       | Optional note value to be stored on the number                                                        | No  |
| tnFeature    | Contains features associated to the telephone number                                                  | Yes |
| messaging    | Text messaging services for the telephone number                                                      | Yes |
| messageClass | Acceptable values are P2P, A2PLC, and A2P8XX                                                          | Yes |
| messageType  | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                               | Yes |
| netNumberId  | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No  |

\*Required if telephone numbers on the order are not in Inteliquent inventory

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMessagingOrder": {
    "customerOrderReference": "TestOrder02",
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "tnFeature": {
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMSMMS"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026481"
}
```

## Order E911-Only Telephone Number - DEPRECATED

POST /tnE911Order

This operation allows you to enable Inteliquent E911 services on telephone numbers assigned to other carriers (i.e. inbound voice-enabled with another carrier).

Note: This API is deprecated. Please use [/tnFeatureOrder](#) for telephone numbers with E911 feature.

| Value                  | Description                                            | Required |
|------------------------|--------------------------------------------------------|----------|
| privateKey             | API key required to validate your application          | Yes      |
| tnE911Order            | Contains order information                             | Yes      |
| customerOrderReference | Alphanumeric order reference name                      | No       |
| tnList                 | Contains requested telephone number(s)                 | Yes      |
| tnItem                 | Contains requested telephone number(s)                 | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8156680000) | Yes      |
| tnNote                 | Optional note value to be stored on the number         | No       |
| tnFeature              | Contains features associated to the telephone number   | Yes      |

| Value                  | Description                                       | Required |
|------------------------|---------------------------------------------------|----------|
| e911                   | E911 services for the telephone number            | Yes      |
| name                   | E911 first and last name                          | Yes      |
| origStreetNum          | E911 address street number (e.g. 100, 550)        | Yes      |
| origStreetInfo         | E911 address street information (e.g. W Adams St) | Yes      |
| origLocation           | E911 address location (e.g. Suite 900)            | No       |
| origCity               | E911 address city                                 | Yes      |
| origState              | E911 address state                                | Yes      |
| origPostalCode         | E911 address zip code                             | Yes      |
| origPostalCodePlusFour | E911 address zip code plus four                   | No       |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Order HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Order": {
    "tnList": {
      "tnItem": [ {
        "tn": 9181551556,
        "tnFeature": {
          "e911": {
            "name": "IQNT Test Line",
            "origStreetNum": "550",
            "origStreetInfo": "Adams St",
            "origCity": "Chicago",
            "origState": "IL",
            "origPostalCode": "60661"
          }
        }
      } ]
    }
  }
}
```

}

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026499"
}
```

## Search Assigned Telephone Number – DEPRECATED

POST /tnSearchAssigned

This operation allows you to search for Inteliquent telephone numbers assigned to your company.

Note: This API is now deprecated and may not be supported in future. Please use [/tnDetail](#) for searching assigned telephone numbers.

| Parameter      | Description                                                                                                                                                                                                                                       | Required |             |       |            |       |         |       |                    |    |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------|------------|-------|---------|-------|--------------------|----|
| privateKey     | API key required to validate your application                                                                                                                                                                                                     | Yes      |             |       |            |       |         |       |                    |    |
| tnSearchList   | Contains one or more sets of search criteria                                                                                                                                                                                                      | Yes      |             |       |            |       |         |       |                    |    |
| tnSearchItem   | Contains one or more sets of search criteria                                                                                                                                                                                                      | Yes      |             |       |            |       |         |       |                    |    |
| tnMask         | Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                                                                                                                                                         | Yes      |             |       |            |       |         |       |                    |    |
| tnStatus       | Telephone number status; acceptable values include: <table><tr><th>Value</th><th>Description</th></tr><tr><td>INSVC</td><td>In Service</td></tr><tr><td>PNDNG</td><td>Pending</td></tr><tr><td>PDISC</td><td>Pending Disconnect</td></tr></table> | Value    | Description | INSVC | In Service | PNDNG | Pending | PDISC | Pending Disconnect | No |
| Value          | Description                                                                                                                                                                                                                                       |          |             |       |            |       |         |       |                    |    |
| INSVC          | In Service                                                                                                                                                                                                                                        |          |             |       |            |       |         |       |                    |    |
| PNDNG          | Pending                                                                                                                                                                                                                                           |          |             |       |            |       |         |       |                    |    |
| PDISC          | Pending Disconnect                                                                                                                                                                                                                                |          |             |       |            |       |         |       |                    |    |
| trunkGroupName | Assigned trunk group name (e.g. CHCGIL24CL1_897)                                                                                                                                                                                                  | No       |             |       |            |       |         |       |                    |    |
| lata           | Three-digit local access and transport area code (e.g. 358, 360, 362)                                                                                                                                                                             | No       |             |       |            |       |         |       |                    |    |
| rateCenter     | Rate center abbreviation (e.g. WSHNGTNZN1)                                                                                                                                                                                                        | No       |             |       |            |       |         |       |                    |    |
| province       | Two-letter state or province abbreviation (e.g. IL, CA)                                                                                                                                                                                           | No       |             |       |            |       |         |       |                    |    |
| wireless       | To retrieve wireless or wireline numbers; Accepted values are Y or N                                                                                                                                                                              | No       |             |       |            |       |         |       |                    |    |
| pageSort       | Contains sorting and pagination parameters                                                                                                                                                                                                        | No       |             |       |            |       |         |       |                    |    |
| property       | Result sort property; acceptable values are tn, rateCenter, lata, state                                                                                                                                                                           | No       |             |       |            |       |         |       |                    |    |
| direction      | Result sort direction; acceptable values are asc, desc                                                                                                                                                                                            | No       |             |       |            |       |         |       |                    |    |
| size           | Result page size; integer value                                                                                                                                                                                                                   | No       |             |       |            |       |         |       |                    |    |
| page           | Result page number; integer value                                                                                                                                                                                                                 | No       |             |       |            |       |         |       |                    |    |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| searchId | searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response | No |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnSearchList": {
    "tnSearchItem": [
      {
        "tnMask": "xxxxxxxxxx",
        "tnStatus": "INSVC",
        "province": "AL",
        "wireless": "Y"
      }
    ]
  },
  "pageSort": {
    "size": 2,
    "page": 1
  }
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": 2053901111,
        "lata": "476",
        "rateCenter": "GRAYSVILLE",
        "trunkGroup": "Secondary Trunk Group",
        "province": "AL",
        "tnStatus": "In Service",
        "locName": "GRAYSVILLE",
        "cnamDip": "N",
        "wireless": "Y"
      },
      {
        "tn": 2053901112,
        "lata": "476",
        "rateCenter": "GRAYSVILLE",
        "trunkGroup": "Main Trunk Group",
        "province": "AL",
        "tnStatus": "In Service",
        "locName": "GRAYSVILLE",

```

```

        "cnamDip": "N",
        "wireless": "Y"
    }
]
},
"page": "1",
"totalPages": "7839",
"totalItems": "15677",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAAArgSFlYzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

## Order Port-In Messaging-Only Telephone Number – DEPRECATED

POST /portInMessagingOrder

This operation allows you to create an order to port messaging-only telephone numbers from another carrier into the Inteliquent network.

Note: This API is now deprecated and may not be supported in future. Please use [/portInOrder](#) for all port-in orders and use the messaging feature element

| Value                  | Description                                                                    | Required |
|------------------------|--------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                  | Yes      |
| portInMessagingOrder   | Contains order details for port-in telephone numbers                           | Yes      |
| customerOrderReference | Alphanumeric order reference name                                              | No       |
| desiredDueDate         | Desired due date for the port-in (e.g. 2015-12-15)                             | Yes      |
| desiredPortTime        | Desired port time in HH:MM (e.g. 14:00)                                        | No       |
| desiredPortTimeZone    | Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT | No       |
| onNetOnly              | Order on-net ports only; Y or N                                                | No       |
| tnList                 | Contains telephone number(s) to be ported in                                   | Yes      |
| tnItem                 | Contains telephone number(s) to be ported in                                   | Yes      |
| tn                     | Ten-digit telephone number (e.g. 8156680000)                                   | Yes      |
| accountNum             | Account number                                                                 | Yes      |
| portOutPin             | PIN for onnet port-out protection (Tier 0 & HI)                                | No       |
| tnNote                 | Optional note value to be stored on the number                                 | No       |
| atn                    | Account telephone number                                                       | Yes      |
| accountPin             | Alphanumeric account PIN or password                                           | No       |
| authName               | Name of port-in authorizer                                                     | Yes      |
| authDate               | Date of port-in authorization (e.g. 2015-12-15)                                | Yes      |
| endUser                | End user information for the telephone number                                  | Yes      |

|                |                                                                                                       |     |
|----------------|-------------------------------------------------------------------------------------------------------|-----|
| name           | End user name                                                                                         | Yes |
| streetNum      | End user address street number (e.g. 100, 550)                                                        | Yes |
| streetPreDir   | End user address street direction prefix (e.g. N)                                                     | No  |
| streetName     | End user address street name                                                                          | Yes |
| streetType     | End user address street type (e.g. St, Ave)                                                           | No  |
| streetPostDir  | End user address street direction ending (e.g. SW)                                                    | No  |
| locationType1  | End user address location type 1 (e.g. Bld, Apt)                                                      | No  |
| locationValue1 | End user address location value 1 (e.g. 1, 2B)                                                        | No  |
| locationType2  | End user address location type 2 (e.g. Flr, Ste)                                                      | No  |
| locationValue2 | End user address location value 2 (e.g. 1, 900)                                                       | No  |
| locationType3  | End user address location type 3 (e.g. Flr, Ste)                                                      | No  |
| locationValue3 | End user address location value 3 (e.g. 1, 900)                                                       | No  |
| city           | End user address city                                                                                 | Yes |
| state          | End user address state                                                                                | Yes |
| postalCode     | End user address zip code                                                                             | Yes |
| typeOfService  | Acceptable values are B, Business, R and Residence                                                    | Yes |
| tnFeature      | Contains features associated to the telephone number                                                  | Yes |
| messaging      | Text messaging services for the telephone number                                                      | Yes |
| messageClass   | Acceptable values are P2P, A2PLC, and A2P8XX                                                          | Yes |
| messageType    | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                               | Yes |
| netNumberId    | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No  |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portInMessagingOrder": {
    "desiredDueDate": "2015-12-15",
    "tnList": {
      "tnItem": [ {
        "tn": 3059891246,
        "accountNum": "12345",
        "atn": "8009247586",
        "authName": "Jean Blues",
        "authDate": "2015-12-15",
        "endUser": {
          "name": "Jean Blues",
          "streetNum": "101",
          "streetName": "Main",
          "streetType": "St",
          "city": "Miami",
          "state": "FL",

```

```

        "postalCode": "33124",
        "typeOfService": "B"      },
        "tnFeature": {
            "messaging": {
                { "messageClass": "A2PLC",
                  "messageType": "SMSMMS"    }
            }
        }
    }
}

```

#### Example Response:

```

HTTP/1.1 200 OK
{
  "orderId": "102645",
  "statusCode": "200",
  "status": "Success"
}

```

## Order Messaging-Only Toll-Free Numbers – DEPRECATED

POST /tfMessagingOrder

This operation allows you to order toll-free numbers from Inteliquent’s inventory for messaging services only (no voice), or enable Inteliquent messaging services on telephone numbers assigned to other carriers (i.e. voice-enabled with another carrier).

Note: This API has been deprecated and may not be supported in future releases. Please use [/tfFeatureOrder](#) for all toll-free number feature requests.

| Value                  | Description                                                                                           | Required |
|------------------------|-------------------------------------------------------------------------------------------------------|----------|
| privateKey             | API key required to validate your application                                                         | Yes      |
| tfMessagingOrder       | Contains order information                                                                            | Yes      |
| customerOrderReference | Alphanumeric order reference name                                                                     | No       |
| tnList                 | Contains requested telephone number(s)                                                                | Yes      |
| tnItem                 | Contains requested telephone number(s)                                                                | Yes      |
| tn                     | Ten-digit telephone number requested (e.g. 8446680000)                                                | Yes      |
| tnFeature              | Contains features associated to the telephone number                                                  | Yes      |
| messaging              | Text messaging services for the telephone number                                                      | Yes      |
| messageClass           | Acceptable values are P2P, A2PLC, and A2P8XX                                                          | Yes      |
| messageType            | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT                               | Yes      |
| netNumberId            | NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply | No       |
| altSpid                | Alternative Spid value                                                                                | No       |

### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfMessagingOrder": {
    "customerOrderReference": "TestOrder02",
    "tnList": {
      "tnItem": [
        {
          "tn": 8446680000,
          "tnFeature": {
            "messaging": {
              "messageClass": "A2P8XX",
              "messageType": "SMSMMS"
            }
          }
        }
      ]
    }
  }
}
```

### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026481"
}
```

## Retrieve Toll-free Feature Details - DEPRECATED

POST /tfFeatureDetail

This operation allows you to retrieve a list of toll-free numbers with features configured.

Note: This API is deprecated. Please use /tfDetail to retrieve assigned toll-free number details with features.

| Parameter    | Description                                                                                                                                                                                                                                       | Required |             |       |            |       |         |       |                    |    |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------|------------|-------|---------|-------|--------------------|----|
| privateKey   | API key required to validate your application                                                                                                                                                                                                     | Yes      |             |       |            |       |         |       |                    |    |
| tnMask       | Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)                                                                                                                                                         | Yes      |             |       |            |       |         |       |                    |    |
| tnStatus     | Telephone number status; acceptable values include: <table><tr><th>Value</th><th>Description</th></tr><tr><td>INSVC</td><td>In Service</td></tr><tr><td>PNDNG</td><td>Pending</td></tr><tr><td>PDISC</td><td>Pending Disconnect</td></tr></table> | Value    | Description | INSVC | In Service | PNDNG | Pending | PDISC | Pending Disconnect | No |
| Value        | Description                                                                                                                                                                                                                                       |          |             |       |            |       |         |       |                    |    |
| INSVC        | In Service                                                                                                                                                                                                                                        |          |             |       |            |       |         |       |                    |    |
| PNDNG        | Pending                                                                                                                                                                                                                                           |          |             |       |            |       |         |       |                    |    |
| PDISC        | Pending Disconnect                                                                                                                                                                                                                                |          |             |       |            |       |         |       |                    |    |
| routingLabel | Routing option to assign the toll-free number; use <a href="#">routingLabelSearchAssigned</a> and <a href="#">routingLabelDetail</a> to view your company's toll-free routing options                                                             | No       |             |       |            |       |         |       |                    |    |

**Example Request:**

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "312xxxxxxx"
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 2017012042,
        "callingName": "Caller Name",
        "messageClass": "P2P",
        "messageType": "SMS",
        "netNumberId": "1234",
        "altSpid": "1234",
        "tfStatus": "Pending",
        "cname": "Y",
        "message": "N"
      }
    ]
  }
}
```

## Account Settings

The following API calls allow you to view and manage account-level default settings for your company:

- [POST /accountDefaultDetail](#)
- [POST /accountDefault](#)

### View Account Default Settings

**POST /accountDefaultDetail**

This operation allows you to view the current default settings for your company.

| Value      | Description                                   | Required |
|------------|-----------------------------------------------|----------|
| privateKey | API key required to validate your application | Yes      |

**Response**

| Parameter  | Description                                           | Type   |
|------------|-------------------------------------------------------|--------|
| statusCode | 200 - Successful                                      | String |
|            | 410 - Invalid Request Primary private key is required | String |

|        |                                                                           |        |
|--------|---------------------------------------------------------------------------|--------|
|        | 431 - Unable to complete the request at the moment, please try again.     | String |
|        | 400 - Requested key is not found                                          | String |
|        | 408 - Private Key cannot be blank.                                        | String |
|        | 430 - No Result Found                                                     | String |
| status | Indicates whether the API call was successful. Values: Success or Failure | String |

#### Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/accountDefaultDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "accountDefaultDetail": {
    "contactLastName": "Orders",
    "contactFirstName": "API",
    "contactEmail": "API@email.com",
    "desiredPortTime": "14:00",
    "desiredPortTimeZone": "US/Pacific",
    "webHookUrl": "test.inteliquent.com",
    "portOutPin": "123",
    "cnamDip": "Y",
    "cnamDipTf": "Y",
    "trunkGroupMgmtEnabled": "N",
    "portOutContactList": {
      "portOutContactItem": [
        {
          "contactLastName": "Email",
          "contactFirstName": "Test",
          "contactEmail": "test@email.com"
        }
      ]
    },
    "msgDeliveryReceipt": "N"
  }
}
```

## Update Account Default Settings

POST /accountDefault

This operation allows you to update the current default settings for your company.

| Value               | Description                                                                                                    | Required |
|---------------------|----------------------------------------------------------------------------------------------------------------|----------|
| privateKey          | API key required to validate your application                                                                  | Yes      |
| customerDefault     | Contains customer default settings                                                                             | Yes      |
| contactFirstName    | First name of default company contact                                                                          | No*      |
| contactLastName     | Last name of default company contact                                                                           | No*      |
| contactEmail        | Email address where API updates will be sent                                                                   | No*      |
| desiredPortTime     | Desired default port-in time in HH:MM (e.g. 14:00)                                                             | No       |
| desiredPortTimeZone | Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT                                 | No       |
| portOutPin          | Company-level PIN used for onnet port-out protection on Tier 0 & HI numbers without individual port-out PINs   | No       |
| cnamDip             | Default CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N                              | No*      |
| cnamDipTf           | Default CNAM delivery for TF inbound calls / CNAM dip; acceptable values are Y and N                           | No*      |
| ipFilteringEnabled  | Acceptable values are Y or N                                                                                   | No       |
| ipRange             | Valid IP range needs to be set if ipFilteringEnabled is set to Y. To Delete send blank value                   | No       |
| emailDomain         | Valid email domain(s) need to be set if SSO enabled                                                            | No       |
| sloUrl              | If SSO enabled, Single logout URL can be set to redirect customer portal logout to clients IDP.                | No       |
| portOutContactList  | Contains one or more port-out contacts                                                                         | No**     |
| portOutContactItem  | Contains one or more port-out contacts                                                                         | No**     |
| contactLastName     | Last name of port-out contact                                                                                  | No**     |
| contactFirstName    | First name of port-out contact                                                                                 | No**     |
| contactEmail        | Email address of port-out contact; email notifications will be sent to this address for port-out authorization | No**     |

### Response:

| Parameter  | Description                                                               | Type   |
|------------|---------------------------------------------------------------------------|--------|
| status     | Indicates whether the API call was successful. Values: Success or Failure | String |
| statusCode | 200 - Successful                                                          | String |
|            | 410 - Invalid Request Primary private key is required                     | String |
|            | 400 - Requested key is not found                                          |        |

|                                                                       |        |
|-----------------------------------------------------------------------|--------|
|                                                                       | String |
| 431 - Unable to complete the request at the moment, please try again. | String |
| 408 - Private Key cannot be blank.                                    | String |
| 430 - No Result Found                                                 | String |
| 409 - Invalid Input Parameters: (Required Fields)                     | String |
| 418 - Character limit is exceeded for: portOutPin                     | String |
| 414 - Fields Are Required:                                            | String |

\*Required when a null value is returned in accountDefaultDetail

\*\*Will be overwritten to null if not sent

\*\*\*Required when webhookUrl is present

For Webhook configuration, please use the Customer Notification APIs found [here](#)

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/accountDefault HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerDefault": {
    "contactLastName": "Notices",
    "contactFirstName": "API",
    "contactEmail": "API@email.com",
    "desiredPortTime": "14:00",
    "desiredPortTimeZone": "US/Pacific",
    "webhookUrl": "test.inteliquent.com",
    "portOutPin": "123",
    "cnamDip": "Y",
    "cnamDipTf": "Y",
    "emailDomain": "google.com,icloud.com",
    "ipFilteringEnabled": "Y",
    "ipRange": "1.2.3.4.0/24",
    "sloURL": "https://google.com/#logout",
    "portOutContactList": {
      "portOutContactItem": [
        {
          "contactLastName": "Email",
          "contactFirstName": "Test",
          "contactEmail": "test@email.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

## Webhooks for Order and Port-Out Number Updates

You can configure a webhook URL where you would like Inteliquent to post updates regarding your orders and telephone numbers; use the [/accountDefault](#) API to configure the URL and optional authorization header value.

Webhooks are triggered for the following events:

1. Order status update (all order types)
2. Port-in number status update (different statuses may be applied to individual numbers on the same port-in order)
3. Port-out number authorization (if `authorizeWebhookPortout` is set to Y for your account)
4. Wireless Port-out number authorization (if `authorizeWebhookPortout` is set to Y for your account)
5. Port-out number completion (if `authorizeWebhookPortout` is set to Y for your account)

### Order Status Update

1. Order submitted, sample request body:

```
{
  "message": "Order submitted",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

2. Order canceled, sample request body:

```
{
  "message": "Order canceled",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Canceled",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

3. Order completed, sample request body:

```
{
  "message": "Order completed",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Closed",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

#### 4. Note added to order, sample request body:

```
{
  "message": "This is the text of the note that was added...",
  "notificationType": "Order note added",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

## Port-In Number Status Update

#### 1. Telephone number rejection reason added or updated, sample request body:

```
{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "tnGroup": "Group ID 88950 - Verizon Wireless:6006 - SVR/2",
  "groupStatus": "Invalid BTN",
  "message": "Group ID 88950 - Verizon Wireless:6006 - SVR/2 reject: Invalid BTN",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tnList": {
    "tnItem": [{
      "tn": 3344125614,
      "endUser": {
        "name": "Test",
        "streetNum": "123",
        "streetName": "Test",
        "streetType": "Dr",
        "city": "Chi",
        "state": "IL",
        "postalCode": "12321"
      }
    }]
  }
}
```

#### 2. Telephone number port date (FOC) set, sample request body:

```
{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "tnGroup": "Group ID 88948 - Cingular Wireless/2",
  "groupStatus": "FOC 09/01/2017",
  "message": "09/01/2017 Port Date set for Group ID 88948 - Cingular Wireless/2",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tnList": {
```

```
"tnItem": [ {
  "tn": 3344125636,
  "endUser": {
    "name": "Belinda East",
    "streetNum": "123",
    "streetName": "Broadway",
    "city": "Lalala",
    "state": "AL",
    "postalCode": "32123"
  }
} ]
}
```

### 3. Telephone number port complete, sample request body:

```
{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "tnGroup": "Group ID 520372 - XO Communications MA:4536 - NSR//",
  "groupStatus": "Port Complete",
  "message": "Group ID 520372 - XO Communications MA:4536 - NSR//Port Complete",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tnList": {
    "tnItem": [
      {
        "tn": 3344125688,
        "endUser": {
          "name": "Elphie West",
          "streetNum": "124",
          "streetName": "Broadway",
          "city": "Lalala",
          "state": "AL",
          "postalCode": "32123"
        }
      },
      {
        "tn": 3344125688,
        "endUser": {
          "name": "Elphie West",
          "streetNum": "124",
          "streetName": "Broadway",
          "city": "Lalala",
          "state": "AL",
          "postalCode": "32123"
        }
      }
    ]
  }
}
```

## Port-Out Number Authorization

If your [/accountDefault](#) setting is Y for authorizeWebhookPortout, Inteliquent will post notice of an incoming port-out order against one of your assigned telephone numbers, and you can respond with

authorization or rejection based on the information submitted by the gaining carrier sent in the body of the webhook request.

Note: Port-out number authorization is only supported for telephone numbers with a `tnSource` of `NATIVE` or a `tnSource` of `PORTIN` and a `rateCenterTier` of `0` or `HI` as returned in the [/tnDetail](#) API.

If Inteliquent does not receive a synchronous response from your application for a port-out authorization webhook, the port-out may be processed manually via an email to your porting / provisioning team. You can configure the email address(es) where manual notifications are sent via the [/accountDefault](#) API.

Sample port-out authorization request body:

```
{
  "notificationType": "Port-out authorization",
  "orderId": 1085156,
  "orderType": "LNP Port-Out",
  "orderStatus": "Pending",
  "customerOrderReference": "Customer1234",
  "message": "Port-out submitted",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tn": 2012041324,
  "portOutPin": "abc24204201",
  "endUser": {
    "name": "Tom Thumb Landscaping",
    "streetNum": "123",
    "streetName": "Test",
    "city": "Chi",
    "state": "IL",
    "postalCode": "60661"
  },
  "authName": "Thomas Greene"
}
```

Sample wireless port-out authorization request body:

```
{
  "message": "Port-out submitted",
  "notificationType": "Wireless Port-out authorization",
  "orderId": 1364035,
  "orderType": "LNP Port-Out",
  "orderStatus": "Pending",
  "timestamp": "22/09/2020 10:16:00.000084 AM -05:00",
  "tn": 2096165000,
  "portOutPin": "123",
  "endUser": {
    "name": null,
    "streetNum": null,
    "streetPreDir": null,
    "streetName": null,
    "streetType": null,
    "city": null,
    "state": null,
    "postalCode": null
  },
  "authName": "Thomas Greene",
  "accountNum": "12022354225",
}
```

```
"customerOrderReference": "6006020266324219"
}
```

Note: Only one telephone number and its corresponding port-out information is sent per port-out authorization webhook.

There are two response scenarios: "Acknowledge" the port, or "Reject" the port:

1. **Acknowledge:** In order to acknowledge the port-out request, your application will need to respond with an HTTP 200 and status code = 0. This will acknowledge that you have received the request and if no further action is taken within a stipulated time, the port will be authorized and processed accordingly.

Example Response – Successful Acknowledgement:

```
HTTP/1.1 200 OK
{
  "statusCode": 0
}
```

2. **Reject:** To reject a port request, your application will need to respond with an HTTP 4XX with an invalidReason. When the response is such, the TN is deleted from the order and not processed. The order will continue to move through the pipeline if other TNs on the order are not rejected.

The response body in case of errors should contain a parameter `invalidReason` with one of the following values. You may send either the abbreviation or the full reason in the reason.

| Abbreviation | Reject Reason          |
|--------------|------------------------|
| PIN          | PIN required/invalid   |
| DATAMIS      | All data mismatch      |
| AUTHNMMIS    | Auth name mismatch     |
| INVACCT      | Invalid account number |
| INVZIPCD     | Invalid zip code       |
| INVENDUSER   | Invalid End User       |
| INVADDR      | Invalid Address        |

If an `invalidReason` is not received, Inteliquent will apply a default reason of invalid PIN.

#### Example Response – Failed Authorization:

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "PIN",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "End User",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "Address Invalid",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "Auth Name Invalid",
  "statusCode": 100
}
```

#### Other Errors:

1. If the format the webhook is invalid, then return with the `statusCode = 400`.

#### Example Response – Invalid web hook request format:

```
HTTP/1.1 401 UNAUTHORIZED
{
  "statusCode": 400
}
```

2. If there are communications error with your application, webhooks will be retried 5 times at 30 minutes, 1 hr, 2 hrs , 4hrs and 8hrs from the previous attempt.

## Port-Out Number Completion

Sample port-out completion request body:

```
{
  "notificationType": "Port-out completed",
  "orderId": 1085156,
  "orderType": "LNP Port-Out",
  "orderStatus": "Closed",
  "customerOrderReference": "CustomerRef1234",
  "message": "Port-out completed",
  "tn": 2012041324
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

This notification indicates that the number ported away and has been removed from routing and billing for your account on the Inteliquent network.

## Message Broker Operations

Inteliquent offers API-based message broker services for inbound and outbound messages. Outbound messages sent through the Inteliquent API must be sent from a telephone number assigned to your Inteliquent account with an active messaging feature to be eligible for use.

### Message Service Overview

To use the message broker service:

1. Provision at least one telephone number with the appropriate message class and message type using the provisioning operations (e.g. [tnOrder](#)).
2. Establish your master API key for the message broker service through the portal: <https://portal.inteliquent.com/CustomerPortal/msgBrokerApiDetails.htm>.
3. Use your API key(s) for the message broker service in the authorization header with all requests to send outbound messages using the [publishMessages](#) endpoint.
4. Configure one or more webhooks for delivery of inbound messages using the portal or the `configureAuthorization` endpoint.

To reach the messaging broker services, direct requests to the following endpoint:

<https://messagebroker.inteliquent.com/msgbroker/rest>

Note: The message broker service is available in production only for live messaging-enabled numbers and live messages; there is no sandbox environment for this service. Only RESTful protocols are supported within the message broker service suite.

### Send and Receive Messages

Use the following operations to send outbound messages and manage webhooks for inbound messages:

- [POST /publishMessages](#)
- [POST /selectAuthorization](#)
- [POST /configureAuthorization](#)
- [POST /removeAuthorization](#)
- Inbound Webhook Message Structure

### Send Outbound Message

**POST /publishMessages**

This operation allows you to send an outbound SMS or MMS message. The value of the `from` parameter must be a telephone number on your Inteliquent account with active messaging services enabled.

The authorization bearer header in your request must match one of your API keys for the message broker service. Validation is performed to ensure that the number sent in the `from` parameter is assigned to your account and has active messaging service enabled.

| Parameter   | Description                                                                                                            | Required |
|-------------|------------------------------------------------------------------------------------------------------------------------|----------|
| from        | Telephone number to send message; must be assigned to your account with active SMS services enabled (e.g. 19205550000) | Yes      |
| to          | Telephone number to receive message (e.g. 19205550001)                                                                 | Yes      |
| text        | SMS text message content; message will be sent as SMS if mediaUrls is not sent                                         | No       |
| mediaUrls   | MMS file content location; message will be sent as MMS if this value is sent                                           | No       |
| referenceId | Optional reference identifier; will be automatically generated if not sent                                             | No       |

#### Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/publishMessages HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
  "from": "19205551234",
  "text": "Hello",
  "to": [
    "19205551235"
  ],
  "mediaUrls": [
    "https://www.inteliquent.com/INQT/media/INQT/Theme/images/logo.svg"
  ]
}
```

#### Responses:

| Parameter | Description                              | Required |
|-----------|------------------------------------------|----------|
| success   | Possible values returned: true, false    | Yes      |
| reason    | Possible values: SUCCESS, INVALID, ERROR | Yes      |
| detail    | String giving details of any errors      | Yes      |

#### Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "result": {
    "referenceId": "d88231b5-13b3-4fb2-8528-bc7164309389",
    "from": "19205551234",
    "text": "Hello",
    "mediaUrls": [
      "https://www.inteliquent.com/INQT/media/INQT/Theme/images/logo.svg"
    ],
    "messageType": "MMS",
    "resultResponses": [
      {
        "to": "19205551235",
```

```

    "status": "SUCCESS"
  }
}

```

#### Example Error Responses: TN not owned by sender

```

HTTP/1.1 200 OK
{
  "success":false,
  "reason":"INVALID",
  "detail":"[TN not owned by sender]"
}

```

#### Example Error Responses: Parsing error (missing/incorrect element in body)

```

HTTP/1.1 200 OK
{
  "response": {
    "success": false,
    "reason": "ERROR",
    "detail": "JSON parse error: Unexpected character ('\"' (code 34)): was expecting comma to separate Object entries; nested exception is com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\"' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]"
  },
  "errors": [
    "JSON parse error: Unexpected character ('\"' (code 34)): was expecting comma to separate Object entries; nested exception is com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\"' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]",
    "Http message could not be written because com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\"' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]"
  ]
}

```

Note: The “TN not owned by sender” error response indicates that the from value in your request is not a number provisioned with messaging services on your account, and/or that the authorization header in your request was not sent with a valid message broker API key for your account.

Note: The reference ID returned is the one that is generated by the downstream platform. All future delivery receipts would be based off of this reference Id and not the one sent by the calling client.

## Retrieve API Key and Webhook Information

**POST /selectAuthorization**

Use this endpoint to retrieve all message broker API keys and webhook URLs configured for your account’s message broker service.

The body of the request should be empty, and one of your API keys generated from the portal must be sent in the authorization header.

**Example Request:**

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/selectAuthorization HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
}
```

**Example Response:**

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "authConfig": {
    "authorizations": [
      {
        "authId": 19,
        "inboundAuth": false,
        "apiKey": "BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD"
      },
      {
        "authId": 20,
        "inboundAuth": true,
        "tn": "8454777374",
        "headerName": "Authorization",
        "headerValue": "Bearer 123456abc",
        "webhookUrl": "testwebhookcallback.com"
      }
    ]
  }
}
```

## Configure Inbound Message Webhook

**POST /configureAuthorization**

Use this endpoint to add webhook URLs for inbound messages. Optionally, webhooks can be applied to different telephone numbers on your account. One of your outbound API keys generated from the portal must be sent in the authorization header.

| Parameter      | Description                                                                                                                                                                                         | Required |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| authorizations | Contains one or more sets of webhook URL information                                                                                                                                                | Yes      |
| inboundAuth    | Must be sent as true                                                                                                                                                                                | Yes      |
| webhookUrl     | URL where webhooks should be sent for inbound messages received to your assigned numbers                                                                                                            | Yes      |
| apiKey         | Configure webhook with API key based hash authorization. The apiKey and messageId are concatenated and that token will be hashed using the SHA256 hashing scheme, and sent in a second HTTP header. | No       |

The hash format is: SHA256([API key+messageId]), where the messageId is located in the messageID HTTP header and the fully hashed value is located in the verificationToken HTTP header.

|             |                                                                                                                                                                         |    |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| headerName  | Custom header name to be included with each request sent to the webhook URL                                                                                             | No |
| headerValue | Custom header value to be included with each request sent to the webhook URL                                                                                            | No |
| tn          | Configure webhook URL for a specific telephone number (e.g. 17044561234); if not included, webhook URL will apply to inbound messages for all of your telephone numbers | No |

#### Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/configureAuthorization HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
  "authorizations": [
    {
      "inboundAuth": true,
      "webhookUrl": "testwebhookcallback.com/inteliquent",
      "tn": "17044561234"
    }
  ]
}
```

#### Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "authConfig": {
    "authorizations": [
      {
        "authId": 2,
        "inboundAuth": true,
        "webhookUrl": "testwebhookcallback.com/inteliquent",
        "tn": "17044561234"
      }
    ]
  }
}
```

## Remove API Key and Webhook Information

POST /removeAuthorization

Use this endpoint to remove API keys and webhooks from your message broker account. One of your outbound API keys generated from the portal must be sent in the authorization header.

| Parameter      | Description                                                                                                    | Required |
|----------------|----------------------------------------------------------------------------------------------------------------|----------|
| authorizations | Contains one set of API or webhook information to be removed from your account                                 | Yes      |
| authId         | ID associated to the API key or webhook to be removed (as retrieved from <a href="#">selectAuthorization</a> ) | Yes      |

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/removeAuthorization HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
  "authorizations": [
    {
      "authId": 20
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS"
}
```

## Receive Inbound Message Webhook

When an inbound message is received by the platform, it will be sent via preconfigured webhooks to your platform. The platform will use your inbound webhook information in the following sequence:

1. Check if there is an inbound webhook configured for the inbound TN, if yes, then use the corresponding URL.
2. Check if there is a company level webhook configured for inbound messaging. If yes, then use the corresponding URL.
3. If no inbound webhooks are found configured for the company, then the message is dropped and not delivered anywhere.

| Parameter       | Description                                                           | Required |
|-----------------|-----------------------------------------------------------------------|----------|
| referenceId     | Cross reference for the message Id                                    | Yes      |
| from            | TN of the sender                                                      | Yes      |
| text            | Text message included as part of the MMS call                         | No       |
| deliveryReceipt | If this message is a delivery receipt, then the value is set to true. | No       |
| to              | Array of multiple TNs to whom the message was sent                    | Yes      |
| mediaUrls       | Optional field with an array of media assets retrievable via URL      | No       |

#### Example Request:

```
POST https://<webhook> as configured HTTP/1.1
Authorization: Bearer <as configured>
{
  "referenceId": "Acc009773Fd7Gdec",
  "from": 13123752629,
  "text": "This message is fun",
  "deliveryReceipt": true,
  "to": [
    12345678901,
    14567890232,
    18098767654
  ],
  "mediaUrls": [
    "http://cnn.com/attachment/file1.ext",
    "http://cnn.com/attachment/file2.ext"
  ]
}
```

## Additional Information

### Order Validation

Additional validation occurs on large telephone number and port-in orders behind-the-scenes after a request is successfully transmitted.

### Telephone Number Order

When you send a /tnOrder request that contains more than 100 telephone numbers, Inteliquent performs the following checks in the background, after initially returning a generic 200 Success response with a shell order number:

- Telephone numbers are in Inteliquent inventory.
- Telephone numbers are available for ordering (e.g. not reserved or already assigned).

Any invalid telephone numbers will be automatically removed from the order after processing, and recorded in the [/excludedTnList](#). The [/orderDetail](#) operation will return all telephone numbers that were successfully added to the order after background processing.

If all telephone numbers on a large request are invalid, your order will automatically be cancelled and you will receive a follow-up webhook (if configured).

## Port-In Order

When you send a `/portInOrder` request, Inteliquent performs the following checks in the background, after initially returning a generic 200 Success response with a shell order number:

- Telephone numbers are in approved Inteliquent rate centers.
- Telephone numbers are not already assigned to your company.
- Telephone numbers are not on a pending order.

Any invalid telephone numbers will be automatically removed from the order after processing, and recorded in the [/excludedTnList](#). The [/orderDetail](#) operation will return all telephone numbers that were successfully added to the order after background processing.

If all telephone numbers on a large request are invalid, your order will automatically be cancelled and you will receive a follow-up webhook (if configured).

## Order Statuses

There are five possible order statuses. Orders can be searched by status code using the `orderList` API request. The order status name is returned in `orderList` and `orderDetail` response.

| Status Code<br>( <code>orderList</code> request) | Status Name<br>( <code>orderList</code> and <code>orderDetail</code> response) |
|--------------------------------------------------|--------------------------------------------------------------------------------|
| INCOMPLT                                         | Incomplete                                                                     |
| PENDING                                          | Pending                                                                        |
| PCNCL                                            | Pending Cancel                                                                 |
| CNCL                                             | Canceled                                                                       |
| CLSD                                             | Closed                                                                         |

## Incomplete

Incomplete is an interim status applied when an order is undergoing initial validation in the Inteliquent database. This status will remain until the database adds all of the telephone number, port-in, and feature information (if applicable) to the order.

Requesting `orderDetail` on an order with this status may result in no information returned, as the system is still processing order information. For larger orders, especially port-in orders, Incomplete status may remain for a several minutes to hours due to the amount of validation occurring. For smaller orders, Incomplete status will only be applied for 10-15 seconds.

## Pending

Pending status indicates that the order is being processed, either automatically or by an Inteliquent employee. For new telephone number ordered from Inteliquent inventory, Pending status will appear while the telephone numbers are moved into routing, which occurs at a rate of four telephone numbers per second, so the amount of time the order spends in this status will depend on how many numbers were ordered. If there are any features on the order (CNAM, directory listing, 911, or messaging), there will be additional processing time to apply features to the telephone numbers – typically a few seconds total for all features. Features are enabled all at once (rather than at a rate of four per second).

For port-in orders, Pending status will remain from the time the order is being submitted to the losing carrier to the time the last telephone number on the order ports into Inteliquent's network, which may take as little as three to five business days to several weeks. Processing time for port-in orders is based on the desired due date and the time it takes to secure a port approval from the losing carrier.

## Pending Cancel

Sending the `cancelOrder` request through the Inteliquent portal or services API will move the order to Pending Cancel status until it can be reviewed by an Inteliquent employee. The Inteliquent employee will review the order and ensure that any completed work is undone if necessary. For example, cancelling a port-in order may require Inteliquent to send a cancellation request to the losing carrier to ensure that the numbers do not port.

## Canceled

Canceled status indicates that an order has been canceled. This may occur manually by an Inteliquent employee after receiving a cancel request and validating a Pending Cancel order, or may be processed automatically by the database when an invalid order is submitted. For more information on automatic order cancellations, review the [Order Validation](#) section.

## Closed

Closed status indicates that all work associated to the order is complete, and the requested telephone numbers, features, and/or changes have been processed.

## Port-In Status

When you initiate a port-in order through the Inteliquent portal or API, there are several possible statuses for each telephone number on the order:

1. Pending FOC
2. FOC Secured (Port Date Set)
3. Jeopardy (Correction Required)

Possible rejections include:

- Address remaining services on account
- Auth name mismatch
- All data mismatch

- Invalid end user name
- Invalid account number
- Invalid address
- Invalid BTN
- Invalid zip code
- Need LOA (dated within 30 days)  
Use [POST /orderAddDocument](#) to attach an LOA.
- Local Service Freeze on account
- New BTN needed for partial port
- No ICA with Carrier
- PIN required/invalid
- TN inactive/disconnected
- TN not portable
- TN on a pending request
- TNs belong on different accounts
- Other Reject – Please see notes

#### 4. Port Complete

Each individual number on a port-in order may have a unique status. This is crucial to incorporate into your API integration – do not rely on the order-level status to determine status of porting numbers. You should call the `orderDetail` endpoint and obtain individual number-level status and ensure proper tracking of porting numbers.

## Pending

To identify a port-in number pending with no FOC, look for a `tnStatus` of Pending with the absence of a `portDt` parameter in the `orderDetail` response:

```
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": "",
          "city": "",

```

```

        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "Pending",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    }],
    "orderId": 1084675,
    "orderStatus": "Pending",
    "productName": "LNP Port-In",
    "serviceOrderName": "New",
    "customerOrderReference": "",
    "createdDate": "2017-06-23T00:00:00.000+0000",
    "createdUser": "api_user",
    "desiredDueDate": "2017-08-21T00:00:00.000+0000",
    "desiredPortTime": "09:00 US/Central"
}
}

```

## FOC Secured (Port Date Set)

To identify a port-in number with confirmed FOC, look for a tnStatus of Received FOC with the presence of a portDt parameter in the orderDetail response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {"tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": ""
        }
      }
    ]}
  }
}

```

```

        "city": "",
        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "Received FOC",
    "portDt": "2017-08-21T00:00:00.000+0000",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    }
  }
}

```

## Jeopardy (Correction Required)

To identify a port-in number in jeopardy status with the losing carrier where a correction is required, look for a tnStatus containing a rejection reason (detailed on p.71) in the orderDetail response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": ""
        }
      }
    ]
  }
}

```

```

        "locationType3": "",
        "locationValue3": "",
        "city": "",
        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "All data mismatch",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    }
  ]],
  "orderId": 1084675,
  "orderStatus": "Pending",
  "productName": "LNP Port-In",
  "serviceOrderName": "New",
  "customerOrderReference": "",
  "createdDate": "2017-06-23T00:00:00.000+0000",
  "createdUser": "api_user",
  "desiredDueDate": "2017-08-21T00:00:00.000+0000",
  "desiredPortTime": "09:00 US/Central"
}
}

```

Use the `orderUpdate` endpoint to make corrections to the applicable telephone number(s).

## Port Complete

To identify a port-in number that has completed, look for the a `tnStatus` of `Activated` or `Complete` in the `orderDetail` response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",

```

```

        "locationValue2": "",
        "locationType3": "",
        "locationValue3": "",
        "city": "",
        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "Complete",
    "portDt": "2017-08-21T00:00:00.000+0000",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    }
  ],
  "orderId": 1084675,
  "orderStatus": "Pending",
  "productName": "LNP Port-In",
  "serviceOrderName": "New",
  "customerOrderReference": "",
  "createdDate": "2017-06-23T00:00:00.000+0000",
  "createdUser": "api_user",
  "desiredDueDate": "2017-08-21T00:00:00.000+0000",
  "desiredPortTime": "09:00 US/Central"
}
}

```

## Character Limits

The following character limits apply to the parameters for the tnOrder, tnMessagingOrder, tnUpdate, tnFeatureOrder, tnDisconnect, portInOrder, portInMessagingOrder, and orderUpdate operations.

| Parameter              | Character Limit | Special Formatting / Acceptable Values                                         |
|------------------------|-----------------|--------------------------------------------------------------------------------|
| privateKey             | 28              |                                                                                |
| customerOrderReference | 100             |                                                                                |
| loa                    | 1               | Acceptable value is Y                                                          |
| desiredDueDate         | 10              | Format date YYYY-MM-DD (e.g. 2015-12-15)                                       |
| desiredPortTime        | 5               | Format time HH:MM (e.g. 14:00)                                                 |
| desiredPortTimeZone    | 11              | Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT |
| tnItem                 |                 |                                                                                |
| tn                     | 10              |                                                                                |

|                                                                              |    |                                                      |
|------------------------------------------------------------------------------|----|------------------------------------------------------|
| trunkGroup                                                                   | 23 | Use /trunkGroupSearchAssigned for acceptable values  |
| portOutPin                                                                   | 15 |                                                      |
| accountNum                                                                   | 20 |                                                      |
| atn                                                                          | 10 | Format telephone number XXXXXXXXXX (e.g. 3125551234) |
| accountPin                                                                   | 15 |                                                      |
| authName                                                                     | 50 |                                                      |
| authDate                                                                     | 10 | Format date YYYY-MM-DD (e.g. 2015-12-15)             |
| endUser                                                                      |    |                                                      |
| name                                                                         | 32 |                                                      |
| streetNum                                                                    | 10 |                                                      |
| streetPreDir                                                                 | 2  |                                                      |
| streetName                                                                   | 50 |                                                      |
| streetType                                                                   | 10 |                                                      |
| city                                                                         | 32 |                                                      |
| state                                                                        | 2  |                                                      |
| postalCode                                                                   | 10 |                                                      |
| typeOfService                                                                | 1  | Acceptable values are B and R                        |
| callerId                                                                     |    |                                                      |
| callingName                                                                  | 15 |                                                      |
| directoryListing                                                             |    |                                                      |
| lastName                                                                     | 50 |                                                      |
| firstName                                                                    | 50 |                                                      |
| <div>Character Limit</div> <div>Special Formatting / Acceptable Values</div> |    |                                                      |
| Parameter                                                                    |    |                                                      |
| streetNum                                                                    | 10 |                                                      |
| streetPreDir                                                                 | 2  |                                                      |
| streetName                                                                   | 50 |                                                      |
| streetType                                                                   | 10 |                                                      |
| streetPostDir                                                                | 2  |                                                      |
| location                                                                     | 30 |                                                      |
| city                                                                         | 35 |                                                      |
| state                                                                        | 2  |                                                      |
| postalCode                                                                   | 10 |                                                      |
| e911                                                                         |    |                                                      |
| name                                                                         | 32 | All printable ASCII characters are allowed           |

|                        |    |                                                                         |
|------------------------|----|-------------------------------------------------------------------------|
| origStreetNum          | 10 |                                                                         |
| origStreetInfo         | 48 |                                                                         |
| origLocation           | 60 | All printable ASCII characters are allowed                              |
| origCity               | 50 |                                                                         |
| origState              | 2  |                                                                         |
| origPostalCode         | 10 | Alphanumeric, spaces allowed (Canada addresses)                         |
| origPostalCodePlusFour | 4  |                                                                         |
| <b>messaging</b>       |    |                                                                         |
| messageType            | 5  | Acceptable values are P2P, A2PLC, and A2P8XX                            |
| messageClass           | 6  | Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT |
| altSpid                | 10 |                                                                         |
| netNumberId            | 10 |                                                                         |

## Response Status Codes

Inteliquent API sends the following response status codes to requests to the services.inteliquent.com endpoints.

| Status Code | Description                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1403        | Invalid or missing privateKey parameter                                                                                                              |
| 200         | The operation was performed successfully                                                                                                             |
| 4XX         | Dynamic error message; status line provides error details (e.g. telephone number not available, rate center not supported, invalid trunk group name) |

## Troubleshooting

If you are unable to receive any response from the API (either success or error):

1. Validate the parameters and formatting of your request;
2. Verify that you are sending the correct key and token for the environment you are calling in the request (production or sandbox);
3. Visit <http://status.inteliquent.com/> to confirm that the Inteliquent Services API is fully operational or whether there was a recent service interruption;
4. Email Inteliquent contact for additional assistance identifying and resolving issues at [portal\\_support@inteliquent.com](mailto:portal_support@inteliquent.com).

## Change Log

### 7/30/2018

1. Added tnE911 (Provision E911) API specifications

### 8/8/2018

1. Updated Webhooks sample responses based on actual responses.
2. Updated accountDefaultDetail API sample response.

### 8/22/2018

1. Updated all the Webhook API responses. Specifically, “customerOrderReference” added to response.
2. Below APIs has been updated with request and/or response. Specifically, “customerOrderReference” added to request and/or response.
  - orderDetail
  - orderUpdate
  - orderCancel
  - orderAddNote
  - orderNote
  - orderAddDocument
  - orderDocument
  - excludedTnList
  - excludedFeatureList
  - portInOrderAvailableActivation
  - portInOrderActivate
  - portInOrderList
  - portInOrderTnList

3. nnidList API removed as we no longer support.

### 8/28/2018

1. Updated “orderNote” API response to return time stamp as well for “insertDate” attribute.

### 9/27/2018

1. Adding features when ordering or porting-in TNs/TFNs has not changed.
2. Going forward, /tnFeatureOrder and /tfFeatureOrder should be used to add, update, or remove features for all TNs/TFNs. This includes support for TNs/TFNs purchased directly from Inteliquent as well as TNs/TFNs purchased from other providers.
3. The following will be supported until we can verify they are no longer in use:  
/tnMessagingOrder, /tnE911Order, /tfMessagingOrder
4. Updated accepted values for message type wherever required. Acceptable values are P2P, A2PLC, and A2P8XX

### 10/23/2018

1. Added “tnE911Validate” API.  
Accepts E911 Order fields (including the TN, name, location, etc.)  
Validates the E911 Address. Validates required fields, field lengths, etc.
2. Added “crsLookupEnabled” flag to “accountDefaultDetail” API response.
3. Wildcard search option added to “tnInventory” API
4. Added “tnCsrLookup” API

### 11/12/2018

1. Added “tnMessaging” API.
2. Added below attributes to “orderDetail” API response.  
cnamEnabled, cnamStatus, dlEnabled, dlStatus,  
e911Enabled, e911Status, msgEnabled, msgStatus
3. Updated ‘productId’ information for “orderList” API.
4. Added “searchId” parameter for tnInventory, tnDetail & tfDetail APIs request & response.
5. “tnSearchAssinged” API will be deprecated, please switch to “tnDetail” API.

### 12/18/2018

1. Added “tnRequest” API.
2. Added “rateCenter” attribute to “tnInventoryCoverage” API request.

### 01/03/2019

1. Updated various request/response samples for “tnE911” API.

### 01/23/2019

1. Added “e911CallSearch” API.
2. Updated ‘tnRequest’ API to request messaging only TNs (Trunk Group requirement removed).

### 02/02/2019

1. Updated to add “candidateAddressList” within the response to ‘addressValidate’ and ‘tnE911Validate’ APIs

### 02/22/2019

1. Added “trunkGroupSessionUpdate” API to update session count for given customer’s trunk group.
2. Added “excludedE911Detail” API to retrieve 911 detail for order’s TNs with detail and excluded reason for which E911 feature requested but not successful due to various reasons.
3. Added ‘nnidList’ API
4. Updated ‘callingName’ requirements for below APIs, as “callingName” should have at least 1 alpha character

- tnOrder
- tnFeatureOrder
- portInOrder
- tfOrder
- tfFeatureOrder
- orderUpdate

#### 03/24/2019

1. Added 'switchLocationList', 'dtmfRelayList', 'customerLocationList', 'trunkGroupOrder', 'changeTrunkGroupOrder', 'trunkGroupOrderList', 'trunkGroupOrderDetail' APIs for Trunk Group Ordering
2. Added 'tfFeatureE911List' API to retrieve toll-free numbers with E911 enabled.

#### 04/23/2019

1. Updated 'tfDetail' API to return tnNote, CNAM Dip and E911 feature info.
2. Updated 'tfOrder' API to accept tnNote, CNAM Dip and E911 feature info.
3. Updated 'tfFeatureOrder' API to accept CNAM Dip and E911 feature info.
4. Updated 'tnNoteUpdate' API to accept tnNote for Toll-free Numbers.
5. Updated 'tfMessagingOrder' API to accept tnNote info.
6. Updated 'accountDefault' API to set/accept 'cnamDipTf' parameter for TF CNAM Dip.
7. Updated 'accountDefaultDetail' API to return 'cnamDipTf' parameter as part of response.
8. Updated 'tnFeatureCnamDipList', 'tnFeatureCnamList', 'tnFeatureE911List' & 'tnFeatureMessageList' APIs to return telephone and toll-free numbers.
9. Updated 'tnFeatureE911List' API to accept "tnMask" parameter as well part of request to get specific numbers.
10. Updated "E911 Location" parameter character limit to "60" in all applicable APIs.

#### 04/29/2019

1. Updated "Account PIN" max length to 15.
2. Updated example Webhook responses in case of Port-Out Authorization.
3. Updated Acceptable values for "message-type" are SMS, MMS, SMSMMS, SMS\_ALT, MMS\_ALT and SMSMMS\_ALT

#### 05/28/2019

1. Updated "tnInventoryCoverage", "rateCenterCoverage", "tnDetail", "tnSearchAssigned", "portInAvailability" APIs to accept "wireless" attribute as part of request.
2. Updated "tnInventory" API to include various search options like "rate center", "city/state", or "postal code" along with radius or sequential or local option.
3. Updated port out time frame from 5 business days to 2 business days.
4. Added "Health Checker" information.

06/25/2019

1. nnidList API removed as we no longer support.
2. Pagination added for "orderList" API.
3. "orderDetail" API updated to return order notes and process notes(for Port-In orders).
4. "tnCsrLookup" API updated to perform search using various options like (by tn, by atn and by accountNum) and response is updated to return "tnGroup" if more service locations exist.
5. "tnE911Validate" API updated to include Toll-Free number.

07/18/2019

1. Pagination added for "portInOrderList" API.
2. Added "Other Reject" reason to Port-In status rejection reason list.

12/17/2019

1. Added Client Management, that includes "registerClient", "resetClient", "updateClient", "deleteClient", "getClientList"
2. Added "tnReserve", "tnRelease", "tnReservedList" API.

4/22/2020

1. Added "tnE911Notification", "tnPortOutReject" API.

07/29/2020

1. Added rateCenterTier as search parameter in "tnInventory"

8/27/2020

1. Added Call Forwarding APIs that includes "tnForward", "tfForward", "tnForwardList", "tfForwardList"
2. Added Voice Platform APIs that includes "voiceScript" and "voiceScriptDetail"

9/24/2020

1. Added "portOutApproval" API
2. Added "Wireless Port Out Authorization" webhook to support wireless ports with short timers.
3. Added IP Whitelisting settings via the accountDefault API call.

02/23/21

1. Added International Number APIs

03/24/21

1. Added "tnDnis" API
2. Update "tfOrder" and "tfDetail" to include optional dn timer parameter
3. Added "testTrunkGroup" API

04/28/21

1. Added “customeE911Notification” and “customerE911NotificationList” APIs.

05/26/21

1. Added tnRestore and tnPendingDisconnectList APIs
2. Added the following APIs to add campaigns and brands to telephone numbers
  - “messageCampaigns”
  - “tnMessagingCampaign”
  - “tnMessagingCampaignList”

06/24/21

1. Added the following APIs to support Message and Brand Campaigns
  - “addMessagingBrand”
  - “updateMessagingBrand”
  - “addMessagingCampaign”
  - “updateMessagingCampaign”
  - “messagingCampaignClassList”
  - “messagingBrandList”
  - “messagingBrandCampaignList”
2. Added support for configurable webhooks with ‘customerNotificationList”, “customerNotification”, “webhookTypes” and “notificationTypes”

12/15/21

1. Added “tnMove” API
2. Added the following APIs to support Message and Brand Campaigns
  - *messagingBrand/entityList*
  - *messagingBrand/relationshipList*
  - *messagingBrand/brandStatusList*
  - *messagingBrand/brandStockExchangeList*
  - *messagingBrand/alternateBusinessIdTypeList*
  - *messagingBrand/verticalList*
  - *brandOrder*
  - *brandOrderList*
  - *brandOrderDetail*
  - *messagingBrand/useCaseList*
  - *campaignOrder*
  - *campaignOrderList*
  - *campaignOrderDetail*

02/28/22

1. Added “tfMove” API
2. Added “whitelistedAddresses” API
3. Added “registerCampaignCredentials” and “campaignCredentials” API

03/29/2022

1. Added Advanced Call Routing Feature APIs
  - *advancedCallRouteServiceAreas*
  - *advancedCallRouteServiceLocations*
  - *advancedCallRouteTimeZones*
  - *timeProfile*
  - *timeProfileList*
  - *timeProfileDetail*
  - *timeProfileSpecialDay*
  - *timeProfileSpecialDayList*
  - *timeProfileSpecialDayDetail*
  - *advancedCallRoutePlan*
  - *advancedCallRoutePlanList*
  - *advancedCallRoutePlanDetail*

4/27/2022

1. Added *intlConditionList* API to support document conditions.
2. Updated *intlTnReserve* and *intlTnReservedList* API to include countryRef value.

5/25/2022

1. Updated *tfRequest* API to support quantity, routingLabel and respOrgId
2. Updated *advancedCallRoutePlanList* API to support search based routePlanName
3. Updated *e911CallSearch* API to support search based on timezone.
4. Added numberTypeRef fields in */intlOrderTn* and */intlPortInOrder*
5. Update numberType field to numberTypeRef in international APIs

6/28/2022

1. Updated *intlConditionList*, *intlOrderDetail* and *intlTnAddDocument* to support condition-TypeRef
2. Updated *intlTnOrder* and *intlPortInOrder* APIs to require routingOption.
3. Updated *intlTnRequest* API to include numberTypeRef and prefix(area).
4. Updated *tfOrder*, *tfDetail* APIs to support billingTn and termTn
5. Updated *tfUpdate* API to support termTn
6. Added *tfBtn* API to add or remove billingTn

7/26/2022

1. Added *tfRespOrg* API to retrieve customer resporg on given toll free number.

9/28/2022

1. Added *tnDno* API to set/unset Do Not Originate settings on a given telephone number.
2. Added *tnAltSpid* API to set the alternate SPID value on a given telephone number.

3. Updated tnDetail request and response to include searching by dno, altSpid and routingOption elements.
4. Added routingOptionList API to return all the available routing options for specified customer.
5. Added routingOptionDetail API to details for specified routing option.
6. Added routingOption API to add/update customer specified name for existing routing option.

10/27/2022

1. Added routingOption as request parameter to tnOrder, tnRestore, tnMove, tnRequest APIs.
2. Added routingOption as response to orderDetail API.

12/13/2022

1. Added routingOption as request parameter to portInOrder and response parameter to portInOrderAvailableActivation API.
2. Updated tfDetail API request and response to include searching by dno element.
3. Added "tfDno" API.

01/26/2023

1. Updated campaignOrder API with additional required fields

04/27/2023

1. Added max TN search count (1000) validation for tnDetail and tfDetail APIs.